



Yearly Status Report - 2019-2020

Part A

Data of the Institution

Part A	
Data of the Institution	
1. Name of the Institution	BHILAI INSTITUTE OF TECHNOLOGY, DURG
Name of the head of the Institution	Dr. Arun Arora
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	07882359297
Mobile no.	9977054444
Registered Email	arorabit1@gmail.com
Alternate Email	durgbit@gmail.com
Address	Bhilai Institute of Technology, Durg G.E. Road, Bhilai House, Durg
City/Town	Durg
State/UT	Chhattisgarh
Pincode	491001

2. Institutional Status																			
Autonomous Status (Provide date of Conformant of Autonomous Status)			15-Jul-2020																
Type of Institution			Co-education																
Location			Urban																
Financial Status			private																
Name of the IQAC co-ordinator/Director			Dr. Manisha Sharma																
Phone no/Alternate Phone no.			07882356790																
Mobile no.			9425234261																
Registered Email			manishasharma1@rediffmail.com																
Alternate Email			msharmabit@gmail.com																
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)			http://www.bitdurg.ac.in/naac																
4. Whether Academic Calendar prepared during the year			Yes																
if yes,whether it is uploaded in the institutional website: Weblink :			http://bitdurg.ac.in/admin/uploads/ACAD_EMIC_CALENDER.pdf																
5. Accrediation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A</td> <td>3.15</td> <td>2017</td> <td>12-Sep-2017</td> <td>11-Sep-2022</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	A	3.15	2017	12-Sep-2017	11-Sep-2022
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	A	3.15	2017	12-Sep-2017	11-Sep-2022														
6. Date of Establishment of IQAC			15-Apr-2016																
7. Internal Quality Assurance System																			
Quality initiatives by IQAC during the year for promoting quality culture																			
Item /Title of the quality initiative by IQAC		Date & Duration		Number of participants/ beneficiaries															
No Data Entered/Not Applicable!!!																			

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

Institution/Department/ Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Institution	Autonomous	UGC	2020 3650	0
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

2

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

05 UG Programmes UG Computer Science Engineering, UG Mechanical Engineering, UGCivil Engineering, UG Electronics Telecomm. Engineering, UG Electrical Engineering NBA Accreditation Status extended for further 3 years w.e.f 2020 up to 30 June 2023 as per the compliance report.

UGC Expert Team visited BIT, Durg to consider the application of the Institute for the conferment of Autonomous Status.

Institute mentoring Ten Technical Institutions of Chhattisgarh under Margdarshan Scheme of AICTE and providing due support to the spoke Institutions for NBA and NAAC Accreditation.

Institute Ranked by NIRF 2020 under Engineering Category in the Rank Band of 251-300

AICTE & Internshala awarded the Institute by Notable Mention Award 2019 for Internship & Placement.

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

Plan of Action	Achivements/Outcomes
No Data Entered/Not Applicable!!!	
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Governing Body	31-Aug-2020

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

Yes

Date of Visit

28-Feb-2020

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2020

Date of Submission

28-Jan-2020

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief description and a list of modules currently operational (maximum 500 words)

The Institute has a Management Information System (MIS). The various modules of MIS are: 1. Student Information System: Student register in every semester through its portal. This module contains their information regarding their credentials, their participation in extracurricular co curricular activities, disability if any and hostel information as well. 2. Faculty Information System: This module contains the credentials of the faculty, their work load, student attendance, class test marks etc. 3. Grievances/ feedback Redressal System : Through this portal all stakeholders may submit their grievances/ feedback which is directly communicated through

mail to the head of the Institute. 4. Scholarship Management System 5. Payroll Management System 6. Fees Management System 7. Leave Management System

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
No Data Entered/Not Applicable !!!			
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BTech	Language(Lab)	01/01/2020	A000225(046)	01/01/2020
BE	Personality Development	01/07/2019	300565 (46)	01/07/2019
BE	Managerial Skills	01/01/2020	300665 (76)	01/01/2020
BE	Innovative and Entrepreneurial Skills	01/07/2019	320765(76)	01/07/2019
MCA	Personality Development	01/07/2019	521164(46)	01/07/2019
MCA	Group Discussion	01/01/2020	521264(46)	01/01/2020
MCA	Aptitude Training	01/01/2020	521464(21)	01/01/2020
MCA	Managerial Skills	01/07/2019	521534(76)	01/07/2019
MBA	General Communication Lab	01/07/2019	576123(76)	01/07/2019
MBA	Human Consciousness Based Value Development	01/01/2020	576223(76)	01/01/2020
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BVoc	Banking Finance	01/07/2019

	Services and Insurance (BFSI)	
BVoc	Graphics and Multimedia	01/07/2019
BVoc	Software Development	01/07/2019
BVoc	Electronics Manufacturing Services	01/07/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
Nil	NIL	Nil

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
Value Education	01/07/2019	700
Human Consciousness Based Value Development	01/01/2020	570
Health, Hygiene Yoga	01/01/2020	570
Value Education	01/07/2019	570
No file uploaded.		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
No Data Entered/Not Applicable !!!		
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
The Institute has various channels to collect and document responses on curriculum from the stake holders. Students express their opinion on curriculum through feedback. Oral responses are also considered. Special formats are used for alumni and parents to register their views during interaction meetings. The teachers collect the exit level feedback from the graduates regarding the curriculum and teaching learning processes in the institution. Thus the inputs are obtained from the stake holders regularly and are further analyzed for the improvement of the overall competency of the students for employability.

Institute also takes the feedback of employers during the campus placements. The feedback of the employers is analyzed and accordingly employability training programs are being conducted. Institute also takes the feedback of employers regarding the internship of the students which in turn help the students to convert it in to placements. Parents feedback is also regularly taken during parent teacher meeting or during their visits which helps to smoothen the system of the Institute. The faculty members also regularly give their feedback to the HODs for improving the system and enhance the quality of teaching learning process. Principal conducts meeting with the HODs and the Incharges to discuss the feedback of stakeholders. The suggestions related to curriculum and end semester exams is communicated orally to the University officials during various meetings. As an example as per the feedback received from the Alumni - the Institute has promoted Entrepreneurship and is planning to have an incubation centre at BIT, Durg . Also it has been the employers feedback to have curriculum incorporating the needs of the industry with project and problem based learning. The Institute has been taking all initiative to implement the same.

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
No Data Entered/Not Applicable !!!				
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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	3181	429	182	16	166

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
No Data Entered/Not Applicable !!!					
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)

Yes, the college has an independent system for the student support and mentoring. Under this programme 10 students are allotted to each of the faculty members in the department as Mentors and each Mentor takes care of the students/mentees as foster-parent by providing guidance and counselling especially in academics as per the need expressed by the mentees. Faculties are available to support and advice their students. The students are free to contact the faculties with a wide range of problems such as academic and personal problems, home,

family, depression, anxiety and loneliness. Besides, the students are also encouraged to seek and meet their respective mentors at any time as per their need. Students are mentored for their internships, trainings and for pursuing projects. Faculty mentors are also deputed for pursuing the NPTEL courses. The students were counselled during the lockdown period as well. Special sessions were conducted for final year student to answer to their queries.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3181	182	17.47

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
182	167	15	15	Nil

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2020	Nil	Nil	Nil
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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
No Data Entered/Not Applicable !!!				
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
Nil	3175	0

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<http://www.bitdurg.ac.in/department/>

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
No Data Entered/Not Applicable !!!					

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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<http://www.bitdurg.ac.in/naac>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

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

Yes

Name of the teacher getting seed money

Nil

[View File](#)

3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
Nil	NIL	Nil	Nil	Nil
No file uploaded.				

3.2 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
No Data Entered/Not Applicable !!!				
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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

26

3.3 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
No Data Entered/Not Applicable !!!		
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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
No Data Entered/Not Applicable !!!				

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Incubation Centre	BIT, Durg	MSME. GOI	Nil	Nil	04/01/2020
Startup	Aakansha Shrivastava	NIL	Mechatronics	MEDIROBOT	23/08/2020

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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Computer Science Engineering	4
Electrical Engineering	1
Electronics Telecommunication Engineering	1
Applied Mathematics	2
Applied Chemistry	2
Department of Computer Applications	1
Mechanical Engineering	2
Applied Physics	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
No Data Entered/Not Applicable !!!			
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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
No Data Entered/Not Applicable !!!	
View File	

3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
No Data Entered/Not Applicable !!!			
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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Nil	Nil	Nil	2020	Nil	Nil	Nil

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Nill	Nill	Nill	2020	Nill	Nill	Nill
View File						

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

Number of Faculty	International	National	State	Local
No Data Entered/Not Applicable !!!				
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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
No Data Entered/Not Applicable !!!			
View File			

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

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
NIL	Nill	Nill	Nill	Nill
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3.6 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
No Data Entered/Not Applicable !!!			
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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
No Data Entered/Not Applicable !!!			
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
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No Data Entered/Not Applicable !!!

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3.7 – Collaborations

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

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

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
No Data Entered/Not Applicable !!!					
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3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Arosys Technologies	03/03/2020	Academic Collaboration	320
Globusoft	12/03/2020	Academics Internships - Machine learning	180
Institute of Company Secretaries of India	09/09/2020	Academic	220
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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
87.47	39.15

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
No Data Entered/Not Applicable !!!	
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4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
KOHA	Partially	17.05.07.000	2018

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total
No Data Entered/Not Applicable !!!			
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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
Sarang Pitale	Learning Management System	MOODLE	02/06/2020
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	1051	24	210	2	4	19	13	210	73
Added	30	0	100	0	0	2	0	100	0
Total	1081	24	310	2	4	21	13	310	73

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

310 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
Adobe Presenter	https://www.adobe.com/in/products/presenter.html
Learning Management System	https://bitdurg.edu.in/

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
202.35	133.96	139	152

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

The Management, Principal and faculty actively participate in designing the procedures and policies for maintaining and utilizing physical, academic and support facilities. The policy statements and action plans are formulated, after careful consideration to all the stakeholders, by the management. The academic committee of Institute consists of Principal and all HODs. IQAC and Academic Committee regularly conducts meetings to frame the procedures and policies as per the requirement of the Departments. Institute allocates a separate budget for maintenance of infrastructure, facilities and equipment.

Infrastructure Maintenance procedure: Periodically all the buildings are inspected and repairs are carried out as per the maintenance budget. All the buildings are painted once in two years with quality paint. Wall cracks and roof cracks are identified and filling is done by using suitable materials. All the roads get tarred once in five years. Lawns, Plants Trees are well maintained within the campus. The safety and security requirements are well ensured within the campus. Maintenance of Air Conditioners, Reprographic facility and Water aquaguard is done through Annual Maintenance Contract.

Electrical Maintenance: The site office section of the administrative block of BIT takes care of electrical maintenance work. • Maintenance of Diesel Generators. • Maintenance of UPS systems and its batteries. • Ensuring the proper earth connection for various equipment in the labs and class rooms. • Maintenance of solar panels battery. • Maintenance of subsystem high mast tower area lighting.

Laboratory facility: Maintenance of lab instruments and equipment are taken up by the respective departments as and when required. The equipment and machineries in the laboratory/workshop are maintained by the lab In-charge(s)/ Workshop In- Charge(s) under the guidance of HOD.

Library : Institute has a library committee headed by Professor Incharge which maintain the procedures and polices of the procurement of learning materials and its maintenance.

Computing Facility: BIT, Durg has an AMC for maintaining the computing facility in the institute. Central Computing Facility(CCF) department caters to the computing facilities and maintenance of the same at the institute level. This department provides the integrated IT services like smooth running of automation, up-gradation and maintenance of automation package, college website, biometric services, troubleshooting of hardware, networking equipment including internet connectivity, procurement of hardware, software.

Sports Complex: Institute has a sports committee. The Sports Professor incharge and its team takes care of sports facilities and its maintenance.

Health Centre: The health centre of the college is governed by the Medical officer.

<http://www.bitdurg.ac.in/>

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	Scholarship	94	3650644
Financial Support from Other Sources			
a) National	Nil	Nil	Nil
b) International	Nil	Nil	Nil

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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 implementation	Number of students enrolled	Agencies involved
No Data Entered/Not Applicable !!!			
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2020	Nil	Nil	Nil	Nil	Nil
View File					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
2	2	15

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
No Data Entered/Not Applicable !!!					
View File					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2020	Nil	Nil	Nil	Nil	Nil
View File					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
No Data Entered/Not Applicable !!!	
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		
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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
2020	Nill	Nill	Nill	Nill	Nill	Nill
View File						

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

1. Institute has a duly elected student council comprising of President, VicePresident Secretary, Joint Secretary and Class representatives. Student Council conveys the feedback of the students regarding Academics, Research, Sports , Infrastructure facilities (Hostel facilities, Library Facilities, Internet Gym etc) and others to the Professor Incharge Student Council. Due actions are taken by the Institute for the same. 2. Institute has a Student editorial board in Institute Annual Magazine "Panorama" and departmental newsletters to promote literary activities. 3. Institute has various clubs such as Astro Club, Vista Club, PAC Club, Clicks Club , Quizzbizz Club and Techno hub Club governed by the students for their holistic development. 4. Every Department has a quarterly Newsletter. Students representation at the departmental level in the editorial board of the newsletter help them to develop their literary and management skills. 5. Training and Placement Office also has representation of students in the form of Core Committee and Departmental student representatives. Student representatives conducts the placements drive and interacts with the companies. 6. Every department has an active student association consisting of student members. The constitution of the student association comprises Convenor, Secretary, Treasurer and student council members. The association is monitored by senior faculty members who are responsible for the smooth conduct of the association meetings and events. The student association plays a dominant role in many activities related to fine arts, sports and other co-curricular activities of the department and the students. Various co-curricular activities organized by the association include Special Lectures by experts, Seminars, Workshops, Symposium, National Level Conference and Intercollegiate meet to develop the personality and skills of the student's ability. Eminent speakers and industrialist deliver speeches on topics relevant to current educational scenario. Student members of the associations also observe important days like National Festivals, International Women's Day, International Yoga Day, Teachers Day, Freshers Day and Farewell Program.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Alumni Association Bhilai Institute of Technology is an independent society of alumni of Bhilai Institute of Technology, Durg registered on August 28, 2014 vide certificate C.G. State - 4869 under the Societies Registration Act, 1973. Mission: The Mission of the Association is: • Provide a vibrant platform for interaction between the alumni, staff and students of the Institute •Contribute to the Institute's vision of being recognized among the world's leading institutions in academics, research, outreach, and innovation. • To enable the alumni to contribute for the general development of the Institute. •To give prizes, scholarships, and render financial aid to deserving students of the Institute. • Function on charitable basis, and to run the Association on 'no

profit no loss' basis • To further such other aims as the General Body may decide from time to time.

5.4.2 – No. of registered Alumni:

3036

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

36500

5.4.4 – Meetings/activities organized by Alumni Association :

- Guest Lectures
- Alumni Interaction with ongoing students is a regular practice
- Alumni helps in providing placements and internships for the students
- Yearly Alumni meet SANGAM-2019

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 Institute follows the policy of decentralization: Institute has a mechanism for delegating authority and providing operational autonomy to all the various functionaries to work towards decentralized governance system. 1. In order to give opportunities to the faculty members policy was made to appoint Head of the Department (HOD) on rotation basis. As a result to start with it has been done for Electronics Telecomm Department. 2. A new team has been formulated to establish the Learning Management System of the Institute.

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
Curriculum Development	<ul style="list-style-type: none">• The institution follows the curriculum prescribed by the affiliating University, Chhattisgarh Swami Vivekanand Technical University(CSVTU).• Since 27 faculty members of the Institute are either Chairman or Member Board of Studies in various disciplines. BIT, Durg plays a significant role in the formulation of the curriculum.• In the academic year 2019 -2020 B.Tech syllabus of first year has been revised based on the guidelines of AICTE.• The institution develops action plans for effective implementation of the curriculum prescribed by CSVTU.• In the beginning of the academic year, the committee headed by Principal prepares an academic calendar with the consultation of heads of various departments.•Lesson plans and course files are maintained by each faculty for their

respective subjects and are reviewed on a continuous basis by the HOD.

Teaching and Learning

- The Institute plans academic calendar of every semester for effective conduction of the teaching learning process.
- The Institute conducts workshops and training program for student and faculty in the area of upcoming technologies.
- Institute ensures holistic development of the students by conducting soft skill courses.
- Institute has also encouraged peer to Peer learning.
- Effective Online learning has been ensured during lockdown . It has been supplemented by Video lectures and You Tube lectures.
- Learning Management System were used to upload the assignment , faculty notes of the subject.
- Labs conducted through Virtual labs during lockdown
- Institute availed the license of Courseera and EDX online courses.
- The Institute provide sample learning materials and other teaching and reference material like journals, magazines, internet connectivity, software, proper lab infrastructure and equipment, projectors etc to enable its teachers to ensure effective delivery of curriculum.

Examination and Evaluation

- The evaluation process is designed by Chhattisgarh Swami Vivekanand Technical University (CSVTU) and it is made available in the CSVTU web portal. The institution ensures that these processes are known to faculty members and students through academic calendar and circulars provided by the institution
- Two internal tests are conducted for the evaluation of the students. First internal test is conducted based on the first two units of the syllabus and the second internal test is conducted after the completion of the syllabus.
- Students are encouraged for the NPTEL certification courses and spoken Tutorial courses by IIT Bombay.

Research and Development

- The institute has the Departmental Research Committee (DRC) to plan, monitor and address issues of the research work in various disciplines. Departmental Research committee is headed by the Principal as the Chairman of DRC along with the University appointed expert and departmental senior faculty as members of DRC. The

Institute also has a RD Committee to promote research, maintains the record of research activities in the institute and monitors the various funding agencies website, identifies the call for sponsored project proposals, deadlines etc. The RD committee is headed by a Prof. Incharge and other faculties as members. • Major initiatives that drive research activities among students are:

1. Organizing Conferences on research initiation - A national conference is organized every year by each department specifically for PG students and research scholars.
2. Organizing workshops to help prospective PG students to prepare and identify viable research areas.
3. Faculty Development Programs are conducted on upcoming technologies to provide a platform for exploring the research areas in the same.

Library, ICT and Physical Infrastructure / Instrumentation

- The Library is well equipped with books, journals, magazines, CD, encyclopedia, thesis including e-books and e-journals.
- To update themselves with the current news and latest technological developments, students and staff avail the facilities of newspapers and magazines in the library.
- Students are provided with the book bank facility.
- Question paper sets of all subjects of previous University examination are available in the central library.
- In addition to the central library, the College has set up enriched department libraries with more than 800 books for each department. Any new books prescribed by the syllabus in any area may be procured immediately.
- Old project reports of students are maintained in departmental library which are referred regularly by students of the department.
- Library period is included in semester time-table such that students get sufficient time for referring to the library resources.
- Digital Library - It includes learningre sources which are online, offline, Mobile - App and teachers notes can also be uploaded in the same.
- 20 Computer Systems are available in the CentralLibrary to access the learning resources.
- Koha Software to access the learning material available in the library.
- ICT -Institute has

	recently enhanced the ICT Infrastructure of the Institute . The class rooms are equipped with high-tech cameras and Mic to ensure effective online learning with proper internet connectivity.
Human Resource Management	<ul style="list-style-type: none"> • The governing body of the Institute provides complete autonomy to the college which is evident from the highly decentralized and empowered working of various departments. This includes granting authority at various levels in the college right from the independent decision making at various committee levels to the heads of various department and further extended to the Principal for the day to day operations. • Management of BIT has empowered its faculty members at all the levels of the organization. The participation of teaching faculty in the governing bodies of institution has been allowed and encouraged, bearing in mind the need to keep the size of the body within reasonable bounds. • The Institute has formed various committees and responsibility is given to the members. These committees are supported by the top management, to promote academic leadership.
Industry Interaction / Collaboration	The institute collaborates with various research laboratories and organization such as Sophisticated Analysis Instrument Facility- Sophisticated Test Instrumentation Centre, Cochine, India, SOS Physics and Astrophysics Pt. Ravishankar Shukla University, Raipur, Inter University Consortium, Indore (M.P.), VNIT, Nagpur, NIT Raipur in the area of research. MoU with Tata Steel Accredited by TCS MoU with GoBaskt MoU with Globusoft.
Admission of Students	Enrolment of the students is 100 in B.Tech programs. 84 Research scholars are registered for Ph.D at BIT, DURG.

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

E-governance area	Details
Planning and Development	Various e-Governance modules are : 1. Payroll Management System 2. Fees Management System
Administration	In house leave information system and faculty information system has been implemented as a part of e-Governance.

Finance and Accounts	Tally ERP Software has been customized as per the requirement of the Institute.
Student Admission and Support	The various modules of MIS to support student admission and support are : 1.Student information system 2.Scholarship management system. 3.Grievances / feedback/ redressal system.
Examination	External Examination conducted by the State Government Technical University CSVTU, Bhilai. Learning management System of the Institute Internal Assessment carried out through Moodle.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2020	Nill	Nill	Nill	Nill
View File				

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

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2020	Nill	Nill	Nill	Nill	Nill	Nill
View File						

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
No Data Entered/Not Applicable !!!				
View File				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
182	182	237	237

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>College initiatives towards the welfare of its staff and faculty include the following:</p> <ul style="list-style-type: none"> •The institution administers a contributory Provident Fund scheme, HRA, Gratuity benefits, Group Insurance Benefits, Health Care Benefits etc •Provides medical facilities Grants special leave and reimburses registration fee against faculty development programmes •Organizes need based training programmes for faculties. •Encourages up gradation in education by granting study leave. •Financial Reward Scheme for the faculty members for publication of research paper in National/International Journals. Institute recently started monthly medical allowance to the faculty. •Tuition Fee waiver for wards off aculty . •The Faculty are entitled to benefits like casual leave, maternity leave, medical leave, earned leave and vacation in accordance with the rules. 	<p>College initiatives towards the welfare of its staff include the following:</p> <ul style="list-style-type: none"> •The institution administers a contributory Provident Fund scheme, HRA, ESI benefits, Gratuity benefits, Group Insurance Benefits, Health Care Benefits etc •Provides medical facilities to all staff members. • Organizes need based training programmes for staff. • Encourages up gradation in education by granting study leave. •Organizes Computer literacy programmes for non teaching staff to motivate them to undertake self development. • Tution Fee waiver for wards of staff. • The Staff are entitled to benefits like casual leave, maternity leave, medical leave, earned leave and vacation in accordance with the rules. 	<ul style="list-style-type: none"> • Awards to meritorious students • Book Bank facility • Medical assistance to students • Tuition Waiver Scheme • Scholarship for economically weaker section • College provides TA/DA to players which include expenses for special diet as per their requirement. • College team is provided with sports kits which include uniforms and other requisite materials

6.4 – Financial Management and Resource Mobilization

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

The institution undergoes internal and external audit periodically and its details are as under - Internal audit: For a financial year, internal audit is carried out on quarterly basis, hence four times a year. The internal auditor generates and communicates internal audit report for every quarter with observations and suggestions. The last internal audit was conducted for the fourth quarter i.e. for the period 1st Jan 2020 to 31st Mar 2020, in the month of October 2020. External Audit: External audit i.e. statutory audit is conducted at the end of financial year, and the statutory audit report and balance sheet is prepared by the statutory auditor. Statutory Audit for 2019-20 submitted on 31/10/2020.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
NIL	Nil	Nil
No file uploaded.		

6.4.3 – Total corpus fund generated

No Data Entered/Not Applicable !!!

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Nil	Nil	Yes	Internal Audit Committee of the Institute
Administrative	Nil	Nil	Yes	Internal Audit Committee of the Institute

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

1. Regular meetings with the parents for the feedback to enhance the teaching learning process. 2. Discussions over the solutions of student specific problems 3. Parents representation during the visits of accreditation team or by Government agencies.

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

1. Skill Development program on "Computing Skills " for staff conducted by Department of Electronics Telecommunication. 2. B.VoC Courses introduced for supporting the staff to enhance their qualification. 3. Few of the staffs have upgraded their qualification to PG (M.Tech)level.

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

1. Mentoring ten technical Institutions of Chhattisgarh under AICTE Margdarshan Scheme. 2. Institute applied for fresh Autonomous status and visit of UGC team completed in March 2020. 3. Institute Enhanced Placements of the Institute and received Notable Mention Award by AICTE and Internshala for Internships and Placements.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	Yes
d)NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2020	Nil	Nil	Nil	Nil	Nil

[View File](#)

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
Mentoring Program	12/08/2019	13/08/2019	65	23
Inclusive Leadership Training	21/01/2020	22/01/2020	73	16

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

Energy conservation The Institute ensures energy conservation. The common areas in the college are illuminated with LED lights which lead to an energy saving of 35 as compared to conventional lights. The old CRT monitors are being replaced with LCD monitors in a phased manner. Air-conditioners are used only at essential places. Use of renewable energy: Solar energy is also used in the campus for energy conservation. The main aim of the project is to utilize renewable energy so that non renewable energy can be saved. A 200 KV Solar Power Plant is therein the campus for 24x7 uninterrupted power supply in the Institute. 30 percentage of power required by the Institute is met by the renewable energy sources.

7.1.3 – Differently abled (Divyangjan) friendliness

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

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2020	Nil	Nil	Nil	Nil	Nil	Nil	Nil

[View File](#)

7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Professional Ethics	09/06/2020	Posters of Professional Ethics has been displayed in various blocks of the Institute

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!			
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Encouraging the use of E- Documents. To maintain the required documents in soft copy.
Water harvesting :The Institute has implemented the rain water harvesting project, which has saved a significant amount of water expenses. It also maintains the campus ecology. The plant collects rain water from the roof of the Institute buildings and surrounding areas. As a result, apart from drinking water requirements, most of the campus water requirements are taken care of by this project.
Efforts for Carbon neutrality :The college has ensured carbon neutrality by using solar energy in the campus.
Plastic bags are strictly banned in the Institute campus.
Use of CFL/LED lights in the Institute. This not only saves electricity but also compresses the carbon emissions that emit from tube light chokes.
E- Waste management through buy back facility availed by the Institute.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

The two best practices of the Institute are : 1. Effective Faculty Performance Appraisal System : The institution has an open and participative mechanism for evaluation of teaching, research and work satisfaction of the faculty . 2. Effective Teaching learning process supplemented by Learning Management System of the Institute and Peer to Peer Learning.

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

<http://www.bitdurg.ac.in/naac>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Institute Distinctiveness (one area) : Research Development Culture in The Institute . The details of the performance of the Institute in the area of Research Development are : 1. Ten Departments approved as Research Centre 2. Number of Ph.D Supervisors in the Institute are 63. 3. Number of students registered for Ph.D. in the Institute are 95. 4. BIT, DURG presently mentoring ten Institutions of Chhattisgarh to share best practices of the Institute. 5. As a research outcome one of the B. Tech final year student started and registered his company (Autologic Ltd) in 2019 . 6. Research Collaboration

with NCUT Taiwan.

Provide the weblink of the institution

<http://www.bitdurg.ac.in/>

8.Future Plans of Actions for Next Academic Year

Institute has a perspective plan for the next academic year (2020-2021) in line with the mission of the Institute. The strategic planning is done in order to for each action planned so that expected outcomes can be achieved. Since the UGC visit for autonomous has been completed during March 2020. The future plan shall also depend on the correspondence from UGC. The future plan of action for the next academic year are: 1. To constitute new students awards for promoting Entrepreneurship and Sports. 2. To Implement Enterprise Resource Planning (ERP) in the Institute. 3. To Develop software module for smoothening the Institute Admission procedure. 4. To strengthen the IT infrastructure of the Institute. 5. To strengthen the Innovation and Entrepreneurship culture in the Institute. 6. To strengthen the linkages with the Academic Institutions of National Repute.