



Yearly Status Report - 2017-2018

Part A

Data of the Institution

1. Name of the Institution	INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY BANGALORE
Name of the head of the Institution	Prof. S Sadagopan
Designation	Director
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	918041407777
Mobile no.	9845900014
Registered Email	registrar@iiitb.ac.in
Alternate Email	dean-academics@iiitb.ac.in
Address	26/C, Hosur Rd, Electronics CityPhase 1, Electronic City
City/Town	Bengaluru
State/UT	Karnataka
Pincode	560100

2. Institutional Status	
University	Deemed
Type of Institution	Co-education
Location	Urban
Financial Status	private
Name of the IQAC co-ordinator/Director	Prof. Chandrashekar Ramanathan
Phone no/Alternate Phone no.	08041407777
Mobile no.	9845943079
Registered Email	registrar@iiitb.ac.in
Alternate Email	dean-academics@iiitb.ac.in

3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	https://www.iiitb.ac.in/aqar
4. Whether Academic Calendar prepared during the year	Yes
if yes, whether it is uploaded in the institutional website: Weblink :	https://www.iiitb.ac.in/includefiles/userfiles/images/pdf/Calendar-and-Holiday-list-of-2017.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	A	3.08	2014	05-May-2014	06-May-2019

6. Date of Establishment of IQAC	01-Aug-2014
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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
Preparatory term for	09-Jul-2018	167

M.Tech students

1

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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
Information Technology	Center of Excellence in Machine Intelligence and Robotica	Govt of Karnataka	2018 1800	343500000

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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

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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

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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)

1. Review of Academic Activities 2. Seating arrangements for exams 3. Review of functioning of various other committees at the institute. 4. Addition of Core Course Option for M.Tech. (ESD) 5. Research office proposed a plan to organize faculty talks on the recent research works 6. Establishing of Research centers/Labs in the emerging areas

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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
Initiate Update to Integrated M.Tech.	Gives more elective options to students

specializations	in areas of relevance to industry and employment
Revamp First Year M.Tech. Courses	Provided more opportunities to students to explore areas of interest from first year onwards
Initiate Curriculum review of M.Tech and M.Sc. Digital Society	The exercise gave useful updates to the curriculum to make the programmes more industry and employment friendly
Change Dean's List frequency to once a year	Provided opportunity to observe consistent performance through the year instead of one semester
Collaborate with IBAB to initiate offering joint-programmes	DBT awarded grant to the joint proposal by IIITB-IBAB to conduct PG Diploma Program in Big Data Analytics
Continue conducting preparatory term for M.Tech students	Helped bring students belonging to different standards of colleges to the uniform level of understanding as needed for IIITB courses
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14. Whether AQAR was placed before statutory body ?	Yes
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Name of Statutory Body	Meeting Date
Institute Senate	10-Oct-2018

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
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16. Whether institutional data submitted to AISHE:	Yes
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Year of Submission	2018
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Date of Submission	22-Feb-2018
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17. Does the Institution have Management Information System ?	Yes
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If yes, give a brief description and a list of modules currently operational (maximum 500 words)	The institute has a cloud based ERP to take care of the Management Information System pertaining to students encompassing modules for Pre admission, Admission, Attendance, Programs and Courses, Examinations, Results, Fees and Payments, Completion (graduation).The ERP produces reports which can be used to manage the student's activities, programs and
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different courses. Information can be retrieved batch specific wise and for the entire institute as well. AIIITB applicant can apply online through the ERP, see the status of his/her application and also know the result /outcome of his/her selection through the ERP. Status of the admission is automatically updated on the portal and accessible to the applicants. The admission information on the institute website is quite comprehensive and self explanatory. Besides the portal and ERP support there is also a help desk available for telephonic enquiries pertaining to admission. All aspects of merit list generation, display, fee remittance, receipt etc are taken care by the ERP. The system configures the mid semester exams, internal assessments, quizzes and end semester exams and produces the final result after processing. So the ERP is an MIS solution for the campus from admission to graduation of students, taking care of all intermediary processes in a seamless manner. Other MIS standalone systems include hostel management, student campus entry exit management, Campus people count management etc. A comprehensive Library Management Information and Retrieval system called Lybsys is also in place. The Finance related MIS is operated through an ERP accounting software called Tally which takes care of the entire gamut of financial accounting, inventory management, pay roll, purchase, fee receipts, refunds etc.

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
MSc	MSc DT	Digital Society	04/04/2018
Mtech	MTECH ESD	Electronics Systems and Design	04/04/2018
MS	MS by Research	Nil	04/04/2018
PhD or DPhil	PHD	Nil	04/04/2018

Mtech	MTECH IT	Information Technology	04/04/2018
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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
Mtech	Computer Science and Engineering	Nil	Data Modeling DB 210DS/SE 603DS 603CS 605	Nil
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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
No Data Entered/Not Applicable !!!		
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
Mtech	Information Technology	Nil
Mtech	Electronics Systems and Design	Nil
Integrated(PG)	Computer Science and Engineering	Nil
Integrated(PG)	Electronics and Communication Engineering	Nil
MSc	Digital Society	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
Microsoft Word and Excel	16/09/2017	64
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
Mtech	Information Technology / Electronics and Communication Engineering	510
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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

Feedback was obtained from Alumni, Parents, Employers, Students and Faculty. Dean (Academics) consolidates all the feedback and renders a report to the IQAC and also to the faculty members in a faculty meeting. This ensures continual improvement. Some of the improvements that resulted from the feedback are appended below: - Alumni's feedback was discussed with course instructors. The need to continue to strengthen the foundations was emphasized. This is crucial for continuous learning. - Consequence as a result of Alumni feedback. Students permitted to register for Project Electives (PE) and Reading Electives (RE) directly in various Research Centers and Research Labs of IIITB. - Consequence as a result of feedback from Employers who suggested providing opportunities for all students (not just PhD students) to have exposure to research in all areas of computing. Faculty members were encouraged to provide conference papers and journal papers are reading material as part of the courses. - In response to student's feedback that many students aspire to pursue PhD, they wanted elective courses to go deeper on the topics. A committee was constituted to evaluate and recommend plagiarism checking software was created by Chairman Senate. Feedback from Teachers - Since courses had started incorporating technical writing as part of the course activities, teachers were concerned about plagiarism in the student submissions.

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
PhD or DPhil	Nil	30	91	7
MS	By Research	30	169	13
MSc	Digital Society	30	54	10
Integrated(PG)	Electronics Communication and Engineering	30	381	20
Integrated(PG)	Computer Science and Engineering	90	860	45
Mtech	Electronics Systems and Design	30	121	25
Mtech	Information Technology	150	659	135

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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
2017	Nil	826	Nil	43	Nil

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
43	43	5	19	19	5

[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)

IIITB has various channels of mentoring facilities available to its students. The main element of our mentoring programme is, however, targeted at the incoming cohort of undergraduate students. This is a particularly vulnerable group in terms of their age, the toll that a rigorous coaching schedule potentially can take on their physical and emotional well-being, as well as being their first experience away from a protective home environment. Our Student Mentor Programme (SMP) seeks to provide mentoring services to the first-year students so that they understand the challenges and opportunities at IIITB and develop a smooth transition to campus life. Through this programme, the mentors, a carefully identified group of senior students, attempt to proactively identify problems faced by their assigned set of mentees, and solve them personally, or bring them to the attention of concerned Institute officials at the right time. The SMP operates under the overall guidance and oversight of the Coordinator (Student Affairs) office. Nominations from senior students are invited before the incoming undergraduate cohort joins, the applications are scrutinized by a group of faculty members and Institute officials, and mentor-mentee pairing is done with a suitable consideration of the branch and gender. The mentors are appropriately briefed and counselled by Institute officials as well as experts drawn from our student counselling partner firm. Every mentor is expected to work closely with a smaller group of 8-10 mentees for the entire year through physical interactions and using online group chat applications. The mentors are expected to help their mentees with questions and concerns related not only to academic and administrative matters related to the Institutes activities, but also provide an empathetic ear as the first sounding board for any pressing personal and inter-personal issues mentors are also expected to flag cases of deviant behavior, so that appropriate advice and counselling support could be provided to the concerned mentee on time. Orientation and induction sessions are conducted by the Director, Deans and Coordinators for our incoming batch of graduate level students also. The Student Activities Council and various other student led clubs and committees also interact with all the students at the time of joining to make them comfortable and ease their process of transition. The Institute makes available dedicated services of expert counsellors through a reputed counselling firm for all its students. Counselling services are provided in an online mode as well as in a physical face-to-face mode while maintaining the required confidentiality of the interactions. Senior Institute officials and faculty members, including the Director, are in regular contact with students of all batches and frequently interact with them in informal settings to enable free-flowing conversations. Such sessions also provide a useful platform for mentoring support and have particularly been found useful by our senior graduate students and research scholars.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
826	43	1:19

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
43	43	Nil	2	43

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
2017	Prof Debabrata Das	Professor	Prof K Sreenivasan Memorial award
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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
Integrated(PG)	IM.Tech	1st Year Term 1	09/12/2017	23/12/2017
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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
9	826	1.08

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://www.iiitb.ac.in/programme-out-comes>

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
MTech	Mtech	Information Technology/Electronics Systems and Design	175	175	100
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2.7 – Student Satisfaction Survey

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

<https://www.iiitb.ac.in/includefiles/userfiles/images/pdf/SSS-Report-2017.pdf>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – 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
National	Prof Jaya Sreevalsan Nair	IBM Shared University Research (SUR) program	22/03/2018	IBM India
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3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
NIKHILA K N	1320	Infosys
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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
Industry sponsored Projects	1080	Fidelity	24	24
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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
Workshop on Intellectual Property Rights	Information Technology	17/10/2017
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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
Young Innovators Award	Vinay Chandrasekhar, Krishna Nagaraj, and Aravind Reddy (iMTEch 2015)	MeltingPot 2020	14/11/2017	Student

batch students)

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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
Nil	Nil	Nil	Verisim Technologies Pvt Ltd	MRO with Verisim Tech: Simulation Solutions for Aerospace Energy Sectors	01/09/2017

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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
Information Technology	7

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)
National	Information Technology	1	Nil

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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
Information Technology	1

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3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
Vinay Chandrasekhar. K, Ketan Jhunjunwala, Madhav Ramakrishna Rao	Published	201641011051; 4	01/12/2017

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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
A	Das D.,	IEEE Tra	2017	Nil	IIITB	Nil

dynamic QoS negotiation mechanism between wired and wireless SDN domains	Bapat J., Das D.	Transactions on Network and Service Management				
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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
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No Data Entered/Not Applicable !!!

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	10	1	Nil	Nil

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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultant(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Prof. Debabrata Das	Tata Power Strategic Electronics division	Tata Power Services	2905000

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

Name of the Consultant(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
Prof. Tricha Anjali	IT Security Course	IDFC Bank	400000	4
Prof Chandrashekar Ramanathan	Sponsored M tech	Samsung R and D Institute India	22128000	117

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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
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Raised and donated money and groceries	Aikyam/ Desire Society	Nil	70
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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
Steering and Technical Committee	Recognition	Government Of Karnataka	Nil
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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
Blood Donation Camp	Aikyam/ Bangalore Medical Services Trust	Blood Donation Camp	Nil	90
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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
Faculty Exchange	Registrar CURAJ and Registrar IIITB	Central University of Rajasthan(CURAJ)	1800
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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
Industry Internship	6 months training programme	Mindtree	15/12/2017	15/07/2018	ABHIJEET BHARADWAJ
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3.7.3 – 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
Central	20/03/2017	Faculty Exchange	Nil

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
2951.64	2942.69

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Others	Existing
Seminar halls with ICT facilities	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
Classrooms with LCD facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing
Video Centre	Existing
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4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
Koha	Fully	16	2016

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	11166	20675521	461	558277	11627	21233798
Reference Books	1437	3401289	41	88484	1478	3489773
e-Books	Nil	Nil	Nil	Nil	Nil	Nil
Journals	31	1068807	Nil	88269	31	1157076
e-Journals	4482	18275232	172	4606412	4654	22881644
Digital Database	Nil	Nil	16	152600	16	152600
CD & Video	1243	80948	1	699	1244	81647
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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
Prof. Bidisha Chaudhuri Prof. Amit Prakash	Digital and the Everyday: From Codes to Cloud	NPTEL	22/12/2017
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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	280	90	280	50	60	50	30	1048	0
Added	45	5	45	0	30	0	10	1048	0
Total	325	95	325	50	90	50	40	2096	0

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

1048 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
Media Center	https://iiitborg-my.sharepoint.com/personal/vishnu_raj_iiitb_org/_layouts/15/onedrive.aspx?originalPath=aHR0cHM6Ly9paWl0Ym9yZy1teS5zaGFyZXBvaW50LmNvbS86ZjovZy9wZXJzb25hbC92aXNobnVfcmlpX2lpaXRiX29yZy9FbG5zREFnS0M0Ok9pbEFkTlhHOjJlb0JZN1d4YW5ETkNNNHFPMPW
Lecture Capturing System	impartus
Recording Studio	https://youtu.be/zMlKtD3yFk8
Mixing Equipment and software for editing	https://www.blackmagicdesign.com/in/products/davinciresolve/studio

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
216.25	218.32	347.75	341.19

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

The institute administration takes direct initiative in the maintenance and upkeep of infrastructure and support facilities. The Infrastructure and Maintenance committee headed by the Director oversees the maintenance of the buildings, classrooms, sports complexes and laboratories. Registrar, Chief Administration Officer, Chief Finance Officer and various committee heads monitors the quality of maintenance of infrastructure and equipment. Infrastructure and Maintenance committee Institute's Estate Office headed by Chief Administrative Officer (CAO), maintains the campus infrastructure, electrical installations and equipment through its preventive and post maintenance activities. In case of any repairs/ faulty equipment reported orally or in the Complaint Registers maintained for this purpose are immediately attended to through outsourced staff /team. Security Services - the Campus security is also outsourced and maintained by external agency which provides round the clock security. CCTV cameras are installed in all the prime locations of the campus for surveillance. Housekeeping Services Gardening have also been outsourced. Maintenance of Academic, Library, Laboratories, IT, Sports Hostel Facilities. Academic infrastructure and maintenance is under the control of Dean (Academics) and technical staff assigned takes care of smooth functioning of classroom activities and teaching aids. IT, Library, Laboratories and Sports facilities and services are supervised by the respective faculty-in-charge and advisory committees. Institute Data Centre with the help of IT Committee through its inclusive IT policy provides Wi-Fi, Cybersecurity, Data management and recovery, licensed software, and highly refined server services round the clock with the supporting staff and maintain adequate computers accessories in Admin, faculty, Lab, and Classroom areas. Library facilities and services are well maintained by the library staff under the supervision of Library Committee and of the facilities with the help of housekeeping staff and provides its users a conducive learning environment with flexible timings for reference to its print resources and electronic resources round the clock without any physical barriers through campus internet and remote access facilities. Library committee strives to provide the optimal support in terms of teaching and learning resources and continuously looks out ways for improvement in providing the facilities and services to its patrons. through faculty recommendation , Feedback and Suggestions from campus community. Sports Complex and recreational facilities are handled by the Qualified Sports Officer and the facilities are maintained by the Campus Maintenance Committee. Sports equipments are periodically inspected and necessary repairs are done as and when required and new gears are purchased accordingly. A separate Sports Committee comprising mostly students overseesthe day to day maintenance. Medical facilities: A Clinic with a Doctor and a nurse is available on campus. Institute has a dynamic network with local hospitals which provide ambulance facilities in case of emergency and also inpatient admissions in those hospitals. First-aid kits are kept handy and always available at the security desk near the Reception area.

<https://www.iiitb.ac.in/procedures-and-policies>

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	80	4014100
Financial Support from Other Sources			

a) National	Government and Non Government Scholarships	164	22362983
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
Awareness of Trends in Technology	11/10/2017	80	Ms. Sushravya, Accenture Artificial Intelligence Lab
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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
2017	CISCO Pre Placement Talk	Nil	246	Nil	237
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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
10	10	7

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
Accenture	140	10	Value Labs	2	1
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2018	1	Integrated Mtech	Information Technology	Harvard University	PHD

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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
GATE	160
No file uploaded.	

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

Activity	Level	Number of Participants
Independence Day Celebration	Institute	135
View File		

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
2017	Young Innovators Award	National	Nil	1	IMT2015523, IMT2015524	Vinay Ch andrasekhar, Krishna Nagaraj, and Aravind Reddy
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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 Student Activities Council (SAC) is a student-elected, student-member body, consisting of equal membership from under-graduate and post-graduate students. It is an elected student body which consists of regular and full-time students only, as per the recommendations of the Lyngdoh Committee set up by the Ministry of Human Resource Development, Government of India. A structured election system is followed and students of all degree programs at the Institute select a set of eight SAC members every year. The elected SAC members decide on allocating portfolios among them based on competency and interest. SAC act as a bridge between the Institute administration and the student community. It steps in to address students grievances related to academic and administrative matters. SAC meets regularly to resolve student concerns and plan for various student led curricular and extra-curricular activities on campus. Various Student Committees are formed to guide and involve students such as • Alumni Committee collaborates with alumni • Branding Committee maintaining a presence on various social media platforms and poster design. • Food Committee interfaces with the food vendors for the mess. • Infin8 Committee organizes the annual cultural event. • Placement Committee placement-related activities. • Sports Committee organizes sports events throughout the year. Student Clubs Aikyam help the poor and the needy in the society. 8Bit magazine run by the students. Dance Club organizes dance events and competitions. Parvaaz (Theatre Club) performs theatre and street plays. Music club organizes musical nights and perform at all key events of the Institute. Aksh (Litureature Club) forum to showcase their poetic and story writing

abilities. Debate Club to enhance their interpersonal skills, communication and leadership capabilities. Enigma (Robotics Club) to develop interest in Robotics and Artificial Intelligence. SPICMACAY IIIT Bangalore Chapter organizes classical music, dance, folk arts and classic cinema screenings. Lean In Club promotes and mentors female students in computing, open source and research. Zense Club conducts Hackathons and promote Open Source culture. Movie Club to develop acute movie watching skills, depth in film viewing and appreciation.

Events and Festivals: • Infin8 three-day annual event with simulation games, cultural activities and fun field games. • Yamini annual event takes place on 31st October. It consists of dance and music performances by renowned artistes across the country. • Spandan annual sports event conducted in March. The three-day event is fully loaded with outdoor as well as indoor games. • Sangam annual event exclusively for the alumni organized by the Alumni Committee. • Foundation Day celebrated on 15th September, every year. • Convocation Day held on 1st Sunday of July, every year. • Ramanujan Math and IT conference (RMIT) is annual event is held in remembrance of mathematician, Srinivasa Ramanujan. • Research Innovation, Society Entrepreneurship (RISE): The three-day event to showcase the Institutes focus and contribution in research and innovation dimensions. • Winter School is a three-day annual event by CITAPP. • Summer School aims to give students knowledge on algorithmic and theoretical aspects of machine learning.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of registered Alumni:

2730

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

871500

5.4.4 – Meetings/activities organized by Alumni Association :

2

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)

Committee of Professors and Students organized on August 19, 2017 , Experts' Workshop titled "Economic Inclusivity in India: Conceptual and Empirical Recommendations for an Indicator Framework" , Group of Professors and Students organized on August 23, 2017 - SPIC MACAY programme - Carnatic Violin by Prof T N Krishnan, On September 02, 2017 - Workshop on Privacy and Global Data Protection: Case of India, CITAPP, IIIT-B IAPP was organized by group of Professors and Students, On September 05, 2015 a group of professors, staff members and students organized Blood donation camp at IIITB, A committee of faculty members and students facilitated inauguration of Gooru labs on September 05, 2017, October 16, 2017 - SMOGATHON 2017, Global competition for smog-fighting innovations was organized by a group of Professors and students. Registrar, Coordinator Students Affairs, wardens and a group of students consulted and arrived at a decision of engaging YourDost an online platform for counselling and the same was launched on November 21, 2017, On December 01, 2017 - ICANN 60 Readout session a global event was organized by a group of

Professors, On December 11-13 , 2017 - a 3-day Winter School organized by the Professors involved in Centre for IT and Public Policy, A group of students and professors headed by Coordinator Students Affairs organized Infin8 2018 - The Student Techno-Cultural Festival from Jan 19th 2018 to Jan 21st, 2018. A group of faculty members interacted for collaborative efforts on January 19, 2018 along with Pro-Vice Chancellor, University of Melbourne, Professors and students from IT and Society verticals organized an Inclusive STEM Hackathon 2018 at IIITB from Jan 20th, 2018-Jan 21st, 2018 for the visually impaired. RISE 2018 (Research, Innovation, Society and Entrepreneurship) was organized by group of faculty and students of IIIT-B from 16th February 2018 to 18th February 2018. The annual sports event Spandan 2018 was held during March 9-11 at IIIT Bangalore. As always the event was entirely organised by the students sports committee and student volunteers, with active support from faculty and staff. On March 31, 2018:, TEDx event at IIIT was organized by students and guided by a couple of professors, On April 5th, 2018, on account of efforts of a group of Professors and students an Open Source Technology Lab was inaugurated, On account of efforts of a group of faculty members from IT and Society vertical, on April 13, 2018 an Indonesian delegation- Ministry of Communication and Informatics, Republic of Indonesia had interaction for offering M Sc Digital Society program to Indonesian Government officials. 25, A group of Professors made a proposal to the Government of Karnataka for commencing a research project titled Machine Intelligence and Robotics (MINRO) which resulted in the inauguration of MINRO lab in Ramanujan block by Mr. K J George (Minister for Large Medium Scale Industries, IT and BT, Science and Technology, Government of Karnataka)

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
Admission of Students	The admission process in IIIT Bangalore is transparent and merit based. IIITB gives advertisement on the website for each program. Potential students applied. For iMTech IIITB considers JEE MAIN organized by Ministry of Education Govt. of India. For MTech IIITB considers GATE exam. For PhD, MS by Research and MS for Digital Society students written test, followed by viva. If someone has good GATE score preferred for MSR and PhD admission.
Industry Interaction / Collaboration	IIIT Bangalore has multiple sponsored projects, consulting from industry and special also academic programs for industry, etc, which shows a strong and long industry interaction and collaboration from the day of inception. We have also a IAB (Industry Advisory Body), where multiple industry leaders in ICT areas interact with Dean-RD and others for vision for next niche areas RD. Accordingly we shape multiple

	research portfolios in institutes
Human Resource Management	IIITB has recruited adequate number of faculty members, Lab staff, admin staff and finance staff according to the guidelines mandated by the board and management bodies. The faculty and staff are being supported by various facilities etc. for their professional growth and personal health.
Library, ICT and Physical Infrastructure / Instrumentation	IIIT-Bangalore has a well equipped library with physical books, e-Books, journals, class lectures, and other academic requirements. IEEEExplore and other latest journals in IIITB library helps a lot the research students and faculty for their research activities. In post graduate level, faculty members also refers latest papers and books in class. The above licenses of journals in library helps the students a lot. It has also Koha IILMS system to help the management of library. IIITB has state of art ICT support to faculty, staff and students. It has a high end virtual computing system and multiple servers. Whole campus is covered by latest generation WiFi access points and management software. The state of art WiFi management takes care of all kind of wireless band allocation to security related issues. Each lab also well equipped with various instruments too for courses and RD activities.
Research and Development	IIIT Bangalore gives a lot of stress to research and development along with teaching. Here the faculty selections one of the major criteria is their research potential. Each faculty members publishes in good journals and conferences. For all the young faculty members, moment they join, the institute gives Rs 5 lakhs to set up their research activities. If more fund needed for RD, the institute also supports case by case basis. Research scholars (PhD) have to publish in good venue for writing their thesis. iMTech and MTech students also encouraged and evaluated according to their RD output. The institute also encourage to set up research Labs. All the faculty members write research proposal and being funded from Govt of India, Govt of Karnataka and many other MNCs
Examination and Evaluation	The teaching and research have been focused very seriously by IIITB

authority. In this process of teaching, each faculty members student feedback analyzed by competent authority. The students feedback are anonymous. This feedback process are done time to time. Meetings to discuss academic output of subject from respective subject in a stream and program are also routine part of practice. In the meeting after rigorous discussion the proper suggestions to improve on the teaching learning practices are communicated to the concerned faculty for consideration and implementation and the loop is closed during the same meeting in same academic year or semester

Teaching and Learning

The teaching and research have been focused very seriously by IIITB authority. In this process of teaching, each faculty members student feedback analyzed by competent authority. The students feedback are anonymous. This feedback process are done time to time. Meetings to discuss academic output of subject from respective subject in a stream and program are also routine part of practice. In the meeting after rigorous discussion the proper suggestions to improve on the teaching learning practices are communicated to the concerned faculty for consideration and implementation and the loop is closed during the same meeting in same academic year or semester

Curriculum Development

IIIT Bangalore is an autonomous and Deemed to be university. Chairman of the Senate forms a committee for a program. The curriculum development for each program is done by faculty expert of that area by multiple discussions and meetings. Then the curriculum is presented to all the faculty members. Later to Senate members. Senate consists of senior faculty members of IIITB, eminent externals and other members. Curriculum is being discussed and modified if any Senate suggestion. Later the final copy of the revised curriculum is presented to Senate again for approval. Similarly each course designed by a faculty, presented to all the faculty members, then to Senate.

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

E-governance area	Details
Planning and Development	The Director is the executive head of the institute. The basic planning and

development is conceived, executed and monitored by two main councils - The Administrative Council (comprising Director, Registrar, CAO, CFO, Manager IT, CEO Outreach) for administration, infrastructure and day to day running and the Deans' council (comprising all Deans) which plans and administers academic and research activities. The overall management at the strategic level is approved and monitored by the Governing Body (<https://www.iiitb.ac.in/governing-body>) for vision and administrative aspects and by the Senate for the Curriculum and Syllabi. All aspects of Governance, mandatory disclosures etc are given on the institute's website at <https://www.iiitb.ac.in/about-us>.

Administration

The Registrar along with CAO steers the overall administration of the institute to provide a learner friendly and research friendly atmosphere in the campus. The administration is proactively responsive with all stakeholders of the campus community in loop, viz. Students through SAC (Students' Activity Council), faculty, staff, parents and the alumni. Utmost transparency is maintained in all the decisions and overall administration. The institute complies with all the regulatory bodies viz., UGC, AICTE, Department of Education, Government of Karnataka and participates in all its surveys, seminars and conferences to ensure that the overall administration is in sync with the policies and orders passed by these agencies. Frequent feedback is sought from all stakeholders through formal/informal meetings, surveys and various modes of communication

Finance and Accounts

Finance and Accounts is steered by Chief Finance Officer, formerly Adviser (Finance). The institute follows Accounting Standards as promulgated by the Institute of Chartered Accountants of India (ICAI). All financial and other related authority in the Institute vests in its Governing Body. To facilitate smooth operation of the affairs of the Institute, the Governing Body delegates its authority to the Director in his capacity as the Chief Executive of the Institute, with powers to sub-delegate except in case of items

of authority that are specially reserved for exercise by the Director or other designated Officer of the Institute. All financial transactions are mostly done digitally through online banking and in a few cases through cheque (Account payee only). Petty cash facility is available to meet daily exigencies with certain financial authority with the Director. The institute finance is audited through a two-layer robust auditing process comprising Statutory auditors who conduct an annual audit and Internal auditors who conduct a half yearly audit. The institute's audited statements are available in the Annual Reports which are uploaded on the institute website at <https://www.iiitb.ac.in/annual-reports>.

Student Admission and Support

All admissions are through an automated process through ERP, the link for which is available in the institute website <https://www.iiitb.ac.in/admissions> for each of the programs. A IIITB applicant can apply online through the ERP, see the status of his/her application and also know the result /outcome of his/her selection through the ERP. Status of the admission is automatically updated on the portal and accessible to the applicants. The admission information on the institute website <https://www.iiitb.ac.in/admissions> is quite comprehensive and self-explanatory. Besides the portal and ERP support there is also a help desk available for telephonic enquiries pertaining to admission. All aspects of merit list generation, display, fee remittance, receipt etc are taken care by the ERP. An open house is organized on the day of admission (day 1) where student friendly counters are set up for document verification, hostel allocation, student number allocation etc. Parents are also apprised of the curriculum, infrastructure facilities and various other administrative aspects concerning the students.

Examination

concerning the students. Examination The entire examination process is steered by the Controller of Examinations. A comprehensive examination infrastructure is in place

for conduct of examination in physical mode and in online mode. Various tools of evaluation like projects, assignments, quizzes, thesis, internships, mid-term examination and end term examinations are employed. For the mid-term and end-term examinations, the institute has adopted a paper-less digital tablet/ exam-pad where students can write their exams using an electronic scribe. Professors can also evaluate online at their own time and space. Evaluated answer books are sent to the students digitally for their perusal and feedback. This system also facilitates question wise analysis of each of the answers. For on-line examinations, a system is in place for on-line proctoring. An ERP portal facilitates an automatic generation/downloading of transcripts / marks card by the students themselves. The entire system of examination is thus transparent and automated at various levels.

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
2017	Prof. Shrisha Rao	IEEE International Conference Canada	Nil	77823

[View File](#)

6.3.2 – Number of professional development / administrative training programmes organized by the University 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)
2017	Faculty Development Programme on Research Development	Nil	30/08/2017	30/08/2017	38	Nil

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Talk by Dr. Shipra Agrawal, Columbia University	14	23/08/2017	Nil	1
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
43	43	41	41

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Provident fund, Gratuity, Group Insurance Scheme (GIS), Medical Reimbursement, On Campus Doctor facility, Counselling Services, Womens Cell	Provident fund, Gratuity, Group Insurance Scheme (GIS), Medical Reimbursement, Campus Doctor facility, Counselling Services, Womens Cell	Insurance, Paper Presentation, Prize Money, Conference/ Seminar/ Workshop Fees, Campus Doctor facility, Counselling Services, Womens Cell

6.4 – Financial Management and Resource Mobilization

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

Institution conducts internal and external financial audits regularly. Internal Auditor is appointed by the Governing Body of the Institute. M/s Rao and Swami, Chartered Accountants is our Internal Auditor. Internal Audit are carried out in each half of the financial year. The Institute has a strong internal audit system. Queries raised by the auditors during the course of the audit are clarified by the finance team. The finance department requests clarifications from the respective teams/departments with respect to the queries raised during audit. Based on the explanation and examination of the documents, delegation of powers, Finance and HR manual, Internal Auditor will issue Audit report. Appropriate corrective measures, wherever required, are taken and necessary follow up is done to ensure compliance to the Audit Comments. This audit examines and report, whether the management policies and guidelines are properly implemented, compliances with the various Acts and regulations and the Internal control system is adequate and the extend of deviations and financial impact thereof. Audit reports placed before Audit and Finance Committee of the governing body and after its recommendation, it will be placed before the Governing Body. Our External/Statutory Auditors is M/S Rao Associates, Chartered Accountants, whose appointment is recommended by the Governing body and approved by the Members of the Society in the Annual General Meeting of the Society. The External Auditor conducts the audit after the close of the financial year. The scope of audit is to report on the true and fair view of the financial statement of the institute. Auditor also reports whether the financial statement has been prepared in accordance with generally accepted accounting practices in India, in particular mandatory accounting standards issued by The Institute of Chartered Accountants of India has been complied

with. The auditor examines the books and records, Income and Expenditure Statement, Receipts and Payments, and balance sheet and the internal audit report. Audit report ensure/covers the following aspects. · Sufficient and appropriate evidences are available for entries made in books of account · All transactions are being recorded in books of account, i.e. there is no omission · Information contained in the financial statements is clear and unambiguous · Amounts shown in financial statements are properly classified, described and disclosures are made in conformity with applicable accounting Standards · Financial statements reflect true and fair view of financial results and financial position as on the Reporting date. Auditor report was placed before the Audit and Finance committee of the governing body and after its recommendation, it is paced before the Governing body. The financial statement along with audit report is finally adopted in the Annual General Meeting of the members of the society and afterwards it will be filed with the Registrar of the Society.

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
Infosys Foundation	40000000	Construction of New Academic Block
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6.4.3 – Total corpus fund generated

99346272

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	Indian Centre for Academic Rankings and Excellence Pvt Ltd	Yes	Institute Senate / IQAC Sub Committee
Administrative	Yes	Indian Centre for Academic Rankings and Excellence Pvt Ltd	Yes	Chief Administrative Officer / Governing Body Sub Committee

6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

Not Applicable

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

1. Open House seminar on Program curriculum, infrastructure facilities, Medical facilities, Medical insurance facilities, counselling facilities, fees etc for I M Tech, M Tech and M Sc Digital Society programs. 2. Post mid-semester counselling and appraisal for parents of students with inadequate performance in academics conducted by Academic Performance Monitoring Committee (APMC) 3. Informal feedback session with parents on Convocation Day. 4. Seminar by yourdost.com an online counselling and wellness platform on open house day.

(Free access to Yourdost.com is given to all students and faculty members) 5. Talk by Campus Doctors to the parents on Open house day (Day 1) 6. Talk by Campus Counselor Dr Nalini Dwarakanath on Open house day (Day 1)

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

1. Training on Lab safety Technical Skills 2. Workshop on Managing personal and professional roles 3. One Day Training Microsoft Excel- For Day to Day Activities 4. Orientation on Clean Campus Drive 5. POSH - Prevention of Sexual Harassments in work place

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

1. Initiative #1: Research in the Air 2. Initiative #2: Technology-enabled learning environments 3. Initiative #3: Increased Leadership Focus 4. Initiative #4: New Gold Medals

6.5.6 – Internal Quality Assurance System Details

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

6.5.7 – 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
2017	Review of Academic Activities	07/06/2017	01/08/2017	01/08/2017	15
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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
International Womens Day Celebration	28/03/2018	28/03/2018	125	25

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
Saved 15 of fresh water consumption, by disconnecting HNS system, fixing Water saving aerators and dismantling showers in the hostel blocks.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	1
Provision for lift	Yes	1
Ramp/Rails	Yes	1

Braille Software/facilities	Yes	1
Rest Rooms	Yes	1

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
2017	1	1	29/11/2017	1	The Way out	hardships and abuse on women	134

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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)
Student Welcome Kit	27/07/2017	Orientation conducted for students at the time of joining the Institute. The students were informed about the rules of regulations of the Institute. The student welcome kit was reviewed and improvised each year by the Dean (Academics) and Programme Coordinators based on analysis and feedback from various stakeholders such as hostel, library, food court, security etc
Code of Conduct for Faculty and Staff	Nil	The general code of conduct for staff and faculty was created. It was a basic document on the rules and regulations. Additional information was added each year based on the queries raised by various stakeholders such as Faculty, Staff and Project Staff. The Registrar is responsible for the HR of the Institute

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
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<p>Carnatic Violin Music Day Celebration Carnatic Violin by Prof. T. N. Krishnan with Sri. M. R. Sainath on Mridangam and Sri. Vaikom Gopalakrishnan on Ghatam</p>	<p>23/08/2017</p>	<p>23/08/2017</p>	<p>176</p>
<p>View File</p>			

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

1) Disconnection of HNS water supply system from Hostel Blocks - old system of water supply to all water outlets through underground HNS (Hydro Pneumatic System) is dismantled and all hostel blocks are connected with overhead water supply tanks to minimize water wastage. 2) Garden waste composting - Separate bins are installed to compost garden waste in-house. Garden waste compost is delivered to Municipality (Elcita) for road side trees. 3) Waste Segregation at source - Separate bins to collect wet/dry/reject wastes and also E-waste. Wet waste is composted in-house where as Dry, Reject, E-Wastes are handed over separately to municipality vendors. 4) Sanitary Waste Bins in all the Ladies washrooms to avoid mixing of waste - Signed MOU with Rentokil for collection of sanitary waste separately and dispose as per municipality guidelines with proper sanitization. 5) Rainwater Harvesting Pits - Campus has more than 33 green space to ensure rainwater drains inn. In addition, we have constructed 3 numbers of Rain Water harvesting pits to increase ground water level.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

BEST PRACTISE - 1 Samvaad 2. Objectives a) Create a platform for research interactions among members of IIITB b) Connect with the society and potential collaborators through our research c) Create a mechanism for the institute staff and students to come together to discuss research and other non-administrative matters pertaining to greater good 3. The Context It was widely felt that a lot of faculty interactions with one another had to do with administrative matters, and faculty members of IIITB often had little to no idea about the research interests and research contributions of others. This became a hindrance when presenting the institute's activities to external agencies and potential collaborators. There was also a need expressed for showcasing IIITB for its research activities to the external world through online media, which at that time, primarily comprised of videos promoting academic curricula and institutional branding. 4. The Practice Since 2017, IIITB has earmarked a time in the timetable every Monday afternoon for "Samvaad"—a talk series where everyone is welcome to attend. Talks are given by IIITB faculty and research scholars, with an occasional distinguished guest speaker. Faculty members and research scholars are encouraged to speak about their own research, and research contributions and present it in a way that is accessible to a disparate audience. Samvaad talks were held in the institute auditorium in the beginning, with recording facilities that recorded the talks. Following the pandemic in 2020 and the resultant lockdown, Samvaad went completely online. The talk is presented over a Zoom session, with live streaming on YouTube and FaceBook. The online nature of the talk series has been an instant hit, with audience numbers and range increasing many-fold. The talks are archived on the Institute YouTube channel as a separate playlist

here: https://youtube.com/playlist?list=PLelPiiFnE7y9HQ15n7G5X4_TSxxby2jSy
Samvaad talks are organized into thematic clusters, with a cluster coordinator among the faculty members taking charge of the set of talks under their cluster. They are also expected to summarize the learnings at the end of the talk cluster and foster research collaborations among the faculty members.

Samvaad also features talks by distinguished external speakers, who are recommended by the institute faculty. Each recommendation undergoes an internal review, before invitations are sent out to external speakers. Samvaad provides a talk-series platform as a service, to host research workshops and talk series of IIITB research centers, thus greatly reducing their efforts towards popularizing, managing, and archiving technical talks. 5. Evidence of Success Samvaad has become an integral part of the institute's activities at the time of this writing, and has a dedicated time allocated in the semester timetable. The talk series features several regular attendees, with each talk comprising of about 50 members of the audience on the online Zoom session, and a similar number watching live on Facebook and YouTube. Several members of the audience comprise of people working in other industries, NGOs, Think Tanks and also the government. Samvaad has resulted in an increase in the number of joint research proposals and research collaborations from the institute faculty. It has also resulted in several new collaborations to take root between IIITB and external collaborators. Research scholars presenting in Samvaad have also reported fruitful interactions and constructive feedback from the audience, which have helped them finetune their research and result in better publications. 6.

Problems Encountered and Resources Required Like any new activity, Samvaad went through initial teething troubles. We had difficulty persuading faculty members to present their work to the institute and for students and research scholars to attend the talks. There were some suggestions to make attendance in Samvaad mandatory to all the research scholars. After deliberations, it was decided not to implement a coercive measure to encourage participation, and instead inspire participation by promoting quality talks. Over time, participation by students and research scholars steadily increased and today, there is a sizeable proportion of research scholars who attend Samvaad regularly and participate with enthusiasm. The weekly frequency of research talks was also initially found to be too frequent and there were demands to make the talks once in a semester or once in a month. However, over time, the weekly frequency stayed on, and was found to be not only feasible, but also desirable as the number of backlog of interested speakers is increasing. The main cost incurred by this talk series was hiring of more people for the media and outreach cell, which curates the talk series and published it on YouTube. The weekly frequency of talks resulted in a high workload for video editing and promotion, for the small number of staff members that managed our media outreach.

BEST PRACTISE - 2 Creative non-technical expressions of engineering concepts 2. Objectives The objective is to make the learning of engineering more interesting, fun and student-centric. The underlying principles of the practice are: - i. When students learn to express engineering concepts in simple, non-technical expressions, they necessarily have to learn these concepts well ii. When students work in groups, their leaning is enhanced iii. When learning is fun, the motivation to learn is increased. 3. The context Most higher education, particularly in India, is primarily lecture based, where the teacher comes to a class and lectures. Students are passive recipients of the material being taught. It is now well-established that such modes are not very effective for students to really learn. Active involvement in the learning process is essential for deep learning to occur. Moreover, motivation for learning is at an all-time low among engineering students in India, due to a variety of factors ranging from the gruelling engineering entrance exams that emphasize cracking multiple-choice questions and not conceptual understanding, to the job market where most engineering graduates end up doing Information Technology related jobs irrespective of their branch of study. In such a scenario,

innovative methods are called for to bring back the fun and excitement of engineering. 4. The Practice Students are given assignments during a course, which they must complete in small groups of two to four students (depending on the specific content of the assignment). Each assignment requires the students to explain an engineering concept they have learned in the course, through a non-technical composition. The composition can be a poem, story, painting, sketch, poster, cartoon, video, song, or any other artistic form. Such assignments are very uncommon in Indian higher education, perhaps even in the world. The assignments have advantages as well as limitations. The advantages are the following: Students are compelled to think deeply about the concept to be explained, because expressing a concept through a non-technical composition is not trivial. Students have to work in small groups, which leads to significant peer interaction and learning. Students who are not interested in engineering but who are good at some art form, are naturally attracted to such assignments, as it gives them an opportunity to use their artistic talents and in the process, they end up learning the engineering concept. Copying of assignments is eliminated! Correction of assignments, which is usually a most boring task for the teacher, becomes a joy, because every assignment is different. The limitation of such assignments is that today's engineering student has been so deprived of extra-curricular activities that their creativity has been severely stunted. Therefore they struggle tremendously with coming up with a non-technical creation, for most of them are not good at any artistic form whatsoever. 5. Evidence of success The primary evidences of success are two: First, the creativity and innovativeness of some of the assignment submissions themselves (posters, songs and videos, enjoyable even after many years). Second, the feedback from many students that the working in small groups on the assignment was a unique, joyful and learning experience. 6. Problems encountered and resources required As mentioned in point 4 above, there are many students who find such assignments boring, primarily because all their creativity has dried up by the time they enter an engineering college, and thus have nothing creative to come up with. No resources are required for giving such assignments. Whatever stationary, etc. the students need to create their compositions, they obtain themselves. 7. Notes Implementing this idea is very straightforward. All it primarily needs is for a teacher to identify concepts (s)he is teaching in a particular course, and announcing these as the topics for the creative assignment. The formation of groups of 2 to 4 students can be left either to the students, or can be done by the teacher, depending on the year in which the assignment is given. In the first or second year, the teacher forming the groups tends to work better, because the students are still getting to know each other, and such assignment provides them an opportunity to work with their own classmates they may or may not know well. In third and fourth years, students have already formed friends, and forcing them to work with students they are not close to, seems to be counterproductive.

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

<https://www.iiitb.ac.in/best-practices>

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

unbeatable reasons why IIIT Bangalore (IIITB) is the preferred university for IT education in India 1. A clear focus on our raison d'être - It is our vision to leverage the power of Information Technology to transform the lives of individuals and society through continuous innovation in IT education, research, and entrepreneurship. 2. Over two decades of excellence in IT education - As a deemed-to-be university, we have consistently been at the

forefront of IT education and innovation for the past 21 years. Intersecting between technology and society, IIITB has grown in stature to become a highly reputed institute with its unique model of education, research, and industry interaction. 3. A global outlook and an industry-ready curriculum - We attract students from all over India and abroad and have the unique distinction of selecting 100 students on merit, pushing up the level of discourse and peer group at the institute. We offer interdisciplinary courses which criss-cross information technology and social sciences. 4. Research Focus - Research is the driving force at IIITB which has three key research centres with customized infrastructure and multiple labs managed by a group of expert Faculty members. Research on the campus is showcased through different forums round the year such as IIITB Rise, Samvaad talk series, conferences, presentations and publications. 5. World-class Faculty - We have outstanding faculty drawn from the some of the best institutions across the world such as MIT, Cornell University, Pennsylvania State University, University of California Berkeley, IISc, and University of Toronto. The institute's pool of distinguished professors has the right mix of academic expertise, research experience, global industry exposure and insights. 6. 100 Placements - IIITB has recorded 100 placement with major companies in the areas of product, hardware, research and development consistently visiting the campus. Students have also bagged international offers with record salaries. Some of the consistent recruiters include Cisco, Morgan Stanley, TCS, Accenture, Telstra, MediaTek and MathsWorks. 7. A vibrant Alumni community - We are proud of our 3300 alumni, many of whom currently hold leadership positions in over 100 blue-chip MNCs and large companies in the areas of IT products and services, in India and abroad. 8. Innovation Hub - IIITB Innovation Centre collaborates with exceptional researchers, innovators, entrepreneurs, users, and communities to co-create knowledge and socially-relevant solutions using cutting-edge technologies for a wide range of social needs. Our portfolio of solutions and startups help us, our communities and our governments. The centre nurtures research-led innovations, and offer pre-seed and seed-stage investments. 9. Campus and Location: The nine-acre main campus in Electronic City, the heart of the IT Industry in Bengaluru, has five main buildings with facilities like Innovation Centre, academic blocks, research labs, state-of-the-art classrooms, playground, library, food court, four student residence halls, medical room and multipurpose hall. 10. World-class facilities and amenities: The institute has around 90,000 sq. ft. of air conditioned space. The campus has modern facilities for various outdoor and indoor sports. A modern 900 seater auditorium-cum-conference complex is almost ready for

Provide the weblink of the institution

<https://www.iiitb.ac.in/distinctiveness>

8.Future Plans of Actions for Next Academic Year

1. Emphasis on Co-Curricular Activities In order to ensure that students emerge from IIITB with a well-rounded personality that is truly reflective of the Graduate Attributes and Programme Outcomes, special drives are taken up to allow students to conduct and participate in co-curricular activities across a wide spectrum of areas such as music, art, and sports. Special budget is set aside for conducting events, creation of clubs, and so on. 2. Ensure mental well-being of students In order to help students having psychological problems, arrangements are made to tie up with professional organizations who provide counselling services to students free of cost. The on-going student mentoring process is also going to be strengthened by allocating faculty mentors to every student. Services agreement with YourDOST is planned to be signed as part of this initiative. 3. Research Infrastructure Upgrade To help improve the quality of research, additional investments on tools is going to be made specifically on tools that support research activities. Licenses for Matlab, Turn-it-in for plagiarism

checking are going to be procured as part of this initiative. New high-performance hardware based on IBM Power Series platform is going to be procured to fast-track research in AI and Machine Learning