Yearly Status Report - 2015-2016

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 City Phase 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. Debabrata Das**
Phone no/Alternate Phone no.	**08041407777**
Mobile no.	**9632795795**
Registered Email	**das@iiitb.ac.in**
Alternate Email	**director@iiitb.ac.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://www.iiitb.ac.in/iqac?preview

4. Whether Academic Calendar prepared during the year

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-2015.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

6. Date of Establishment of IQAC	**01-Aug-2014**

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	**07-Jul-2016**	**150**

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
No Data Entered/Not Applicable!!!				
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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)

1. Academic Plan for Term 1 2. Revision of iMtech Cirriiculum 3. Planning for implementing student centered learning approaches in all the subjects 4. Student Feedback System 5. Plan for inviting Experts for Guest lecture on new topics

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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
Setup APMC for academically poor students	**Committee able to provide timely guidance and counseling to poor performing students in a timely manner**
Initiate M.Tech. Curriculum Review	**Provided continuous improvement with greater relevance to industry needs**
Review and revise Senate rules through	**Increased representation of all**

Prof Prabhu Committee	functional as well as academic domain areas in Senate
Initiate curriculum review for Integrated M.Tech.	Provided continuous improvement with greater relevance to industry needs
Integrate Payment gateway integration into ERP	Increased accounting efficiency and increased convenience to students
Prepare Admission Analytics for leadership team	Assisted in data-driven decision making, with steady improvement in GATE/JEE cutoff scores
One day training on Mandate Oriented Pedagogy	Faculty members had increased awareness about new teaching methods
Initiate collaboration with IBAB	improved quality of student learning experience in Chemistry
Form Committee to nominate ACM dissertation awards	Increased exposure of research students to external validations of research
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| **14. Whether AQAR was placed before statutory body ?** | **Yes** |

Name of Statutory Body	Meeting Date
Institute Senate	**14-Oct-2016**

| **15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?** | **No** |

| **16. Whether institutional data submitted to AISHE:** | **No** |

| **17. Does the Institution have Management Information System ?** | **Yes** |

| If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words) | **The institute has a cloudbased 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 different courses. Information can be retrieved batch specific wise and for the entire institute as well. 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 is quite comprehensive and selfexplanatory. 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 intermediatory 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
Integrated(PG)	iMtech CSE	Computer Science and Engineering	03/08/2015
Integrated(PG)	iMtech ECE	Electronics and Communication Engineering	03/08/2015
MS	MS by Research	Nill	03/08/2015
PhD or DPhil	PHD	Nill	03/08/2015
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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	Information Technology	Nill	Networking and	01/08/2015

			Communication NC 501	

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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
MSc	Digital Society	01/08/2015
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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	Nill
Mtech	Electronics Systems & Design	Nill
Integrated(PG)	Computer Science & Engineering	Nill
Integrated(PG)	Electronics & Communications Engineering	Nill
MSc	Digital Society	03/08/2015

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	26/08/2015	67
[View File](#)		

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, Systems and Design	445
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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
At the end of the year 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: - All courses to include at least one component that enhances soft skills. Class presentations and group activities can be introduced in the courses. – Consequence of feedback from Alumni with a suggestion to integrate into technical courses activities that improves soft skills. Additional classrooms have been identified to fit with microphone/amplifier/speaker facility and fitted. – Consequence of feedback from parents - Some parents suggested adding speaker facility to some of the larger class rooms to enhance class room experience. Every foundational course to include at least one open source tool to enhance hands-on skills. – Consequence of feedback from Employers - The employers who conducted campus interviews suggested that students be exposed to more tools that will help them on their job. Instead of reducing syllabus, students who need extra time may be given more time for submission of assignments and projects. – Consequence of feedback from students. - Some students expressed difficulty in coping with the amount of syllabus in the course. One admin staff was identified to be available outside of regular class hours to help students. (e.g., on weekend). The admin staff will assist the teachers with setting up class rooms for conducting special classes. – Consequence of feedback from faculty that they need assistance on weekends when they take additional classes for students.

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
Mtech	Information Technology	150	882	129
Mtech	Electronics Systems and Design	30	144	21
Integrated(PG)	Computer Science and Engineering	60	711	44
Integrated(PG)	Electronics and Communication Engineering	30	373	23
MSc	Digital Society	30	120	9
MS	By Research	30	42	10
PhD or DPhil	Nill	30	75	18
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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	Number of students enrolled	Number of fulltime teachers	Number of fulltime teachers	Number of teachers

	in the institution (UG)	in the institution (PG)	available in the institution teaching only UG courses	available in the institution teaching only PG courses	teaching both UG and PG courses
2015	Nill	645	Nill	38	Nill

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
38	38	6	11	11	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 groups 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
645	38	1:17

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

38	38	Nill	5	38

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
2015	Prof Debabrata Das	Professor	Fellow of the institution

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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)	iMtech	1st Year Term 1	12/12/2015	28/12/2015

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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
4	645	0.6

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
PHD	PhD or DPhil	Nill	2	2	100
MS	MS	By Reseach	11	11	100
MTech	Mtech	Nill	153	153	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-2015.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	Research Grant	15/12/2015	Foundations of Research in Health Systems (FRHS)

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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
Neesha Dutt	240	International Development Reseach Center (IDRC)

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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
Major Projects	1080	D G Shipping	26.89	26.89

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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 Entrepreneurship	Information Technology	15/09/2015

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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
Best Paper Award	J Yogalakshmi	IEEE	Nill	Research Scholar

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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
Nill	Nill	Nill	XDesign Tech India LLP	sLED with X-Design Efficient Street	01/08/2015

				Lights	

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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	**2**

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)
International	**Information Technology**	**11**	**3.99**
National	**Information Technology**	**3**	**0.49**
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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
High speed calculation of magnetic forces and collision detection between con clusters in magnetic carom	**Published**	**US 2015/032110**	**12/11/2015**

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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
'Good' governance in India: How good or bad?	**Vyasulu V.**	**Millennial Asia**	**2015**	**Nill**	**IIITB**	**Nill**

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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

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	3	5	Nill	7

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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)
Prof. Debabrata Das	Tata Power Strategic Electronics division	Tata Power Services	58.62

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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
Prof Chandrashekar Ramanathan	Sponsored M Tech	Samsung R and D Institute India Pvt Ltd	15400000	96

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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
Raised and donated money and groceries	Desire Society	Nill	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
Technical Committee	Certificate of Appreciation	Government of Karnataka	Nill
Expert Committee	Nomination	National Institute of Mental Health and Neuro Sciences	Nill
Expert Advice	Nomination	Bangalore Metropolitan	Nill

	Transport Corporation	

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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 activites	Number of students participated in such activites
Blood Donation Day	TTK Blood bank	Blood Donation Camp	1	120

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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
Student Exchange	As per agreement	Infosys foundation	365

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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
Exchange Programme	6 months training programme	Nottingham	15/12/2015	15/06/2016	Divya Rao

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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
Infosys foundation	13/04/2015	Student Exchange	Nill

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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
5869	5968

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added

Campus Area	Existing
Class rooms	Existing
Laboratories	Newly Added
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Newly Added
Classrooms with Wi-Fi OR LAN	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 patially)	Version	Year of automation
Libsys	Partially	4	2007

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	10092	18496155	687	1662520	10779	20158675
Reference Books	1322	3112766	35	73067	1357	3185833
Journals	31	948637	Nill	34765	31	983402
e-Journals	4050	12597391	222	2439576	4272	15036967
CD & Video	1154	80380	83	Nill	1237	80380
Others(specify)	Nill	110370	Nill	262480	Nill	372850
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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. Shiva Kumar Malapaka	BS 108 Physics - 2	moodle-LMS/Impartus	01/01/2016
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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	200	50	200	50	50	25	25	1048	0
Added	20	0	20	0	10	5	5	0	0
Total	220	50	220	50	60	30	30	1048	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=aHR0cHM6Ly9paWl0Ym9yZy1teS5zaGFyZXBvaW50LmNvbS86ZjovZy9wZXJzb25hbC92aXNobnVfcmFqX2lpaXRiX29yZy9FbG5zREFnS0M0Qk9pbEFkTlhHQjJlb0JZN1d4ETkNNNHFPMW
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 incurredon maintenance of physical facilites
102	**118**	**201**	**177**

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	53	3770000
Financial Support from Other Sources			
a) National	Government and Non Government Scholarships	137	17399250
b)International	Nill	Nill	Nill
View File			

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Awareness of Trends in Technology	23/11/2015	100	Gautam Sonti and Usha Rao
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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 passedin the comp. exam	Number of studentsp placed
2016	DreamWorks (Tech Pre-Placement) Talk	Nill	210	Nill	154

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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
7	7	7

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
AIG	24	1	Nill	Nill	Nill

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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	Depratment graduated from	Name of institution joined	Name of programme admitted to
2015	1	MTech	Information Technology	University of Houston, USA	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	150

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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
Independence Day Celebration	Institute	65

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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
2015	Third prize - short story comp etition	National	Nill	1	MS2015007	Nandakis hore K N

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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 (Lireature 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:

2180

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

584500

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)

On September 05, 2015 a group of professors, staff members and students organized Blood donation camp at IIITB (64 donars), Dec 14, 2015 Inauguration of the 1st BE (Hons) programme at Myanmar Institute of Information Technology as a result of efforts by a group of faculty members to mentor other institutions of similar nature, Committee of Professors and students conducted SPICMACAY violin recital program by A Kanyakumari on Jan – 6, 2016, Jan 22-23, 2016 A committee of Professors and students headed by Prof Manisha Kulkarni conducted two days conference on Ramanujans Mathematics and Information Technology (RMIT - 2016) which was open to all outside colleges also, May 15, 2016 – Faculty members retreat and brainstorming on strategic planning on vision, mission and objectives of IIITB.

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. IEEEXplore 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 Libsys 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
Examination and Evaluation	Each course has we approved examination pattern. Like, class test, midterm, assignments, final exam, viva etc. The exam pattern discussed and approved during the curriculum design and Senate meetings. Each course concerned faculty member present the exam pattern and marks distributed for each exam to students. After the written exams and assignments evaluation, the students are shown the answer scripts. By the above process student come to know where they stand and where to improve. After the above process, the final grading is done
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-governace area	Details
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 stake holders 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.
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 scriber. 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.
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 Charted 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
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.

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
2015	Prof. Debabrata Das	IEEE Conference	Nill	48557
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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)
2015	Faculty Orientation	Nill	12/08/2015	12/08/2015	30	Nill
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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. Satish Mantripragada, IITK	18	08/12/2015	08/12/2015	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
38	38	30	30

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. Mr. Srinivas B Pai, 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
Government of Karnataka	164400000	Government of Karnataka

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6.4.3 – Total corpus fund generated

85549150

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)

· Open House seminar on Program curriculum, infrastructure facilities, Medical facilities, Medical insurance facilities, counselling facilities, fees etc for I MTech, M Tech and M Sc Digital Society programs. · Post mid-semester counselling and appraisal for parents of students with inadequate performance in academics conducted by Academic Performance Monitoring Committee (APMC) · Informal feedback session with parents on Convocation Day.

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

Enhancing Personal Effectiveness Relationships and Communication to the key to success Stress Management

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

1. Initiative #1: Improve student support systems 2. Initiative #2: Promote multi-disciplinary collaboration 3. Initiative #3: Analytics-driven decision making

6.5.6 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	No
b)Participation in NIRF	No
c)ISO certification	No
d)NBA or any other quality audit	No

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
2015	Academic Plan for the Term I for all programmes	09/06/2015	01/08/2015	Nill	11

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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	08/03/2016	08/03/2016	28	17

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
Installed solar panels in all the Hostel blocks for water heating. 60-70 of the hot water requirement is met through this system. Achieved appx 10 power saving for the campus. · New STP Plant with capacity of 140KLD is installed to recycle sewage water of the campus and reuse the treated water for Flushing and gardening. 50 of the fresh water requirement is reduced

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	2
Provision for lift	Yes	2
Ramp/Rails	Yes	2
Braille Software/facilities	Yes	2
Rest Rooms	Yes	2

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
2016	1	1	27/01/2016	1	Orphange visit of health awareness	importance of Health Hygiene	76

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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)
Code of Conduct of Staff and Faculty	30/06/2016	The general code of conduct of 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.
Student Welcome Kit	27/07/2015	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

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Orphange visit for health awareness_Desire	27/01/2016	27/01/2016	30

	Society			

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

1) New STP Plant with capacity of 140KLD is installed to recycle sewage water of the campus and reuse the treated water for Flushing in Boys hostel (600 people capacity) 2) 168 Solar Panels are installed in the Boys hostel for heating water for bathing purpose with appx 21,000Litres capacity Tanks 3) Oil Trap at Kitchen Drain – Redesigned the Kitchen sewage system with oil traps to avoid draining of used oil to the STP plant. Oil Traps in the kitchen sewage exit is designed to clean easily. 4) Rainwater collection Tanks – 3 Tanks with capacity of 2.7Lakh liters constructed to collect roof water (Roof area 30,000 sft). Collected roof water is designed to flow through filtering system, followed by WTP and Softening plant before usage. 5) Left over food in the hostel is delivered to piggeries in the region on daily basis

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

BEST PRACTISE – 1 Seed Grants and Conference Support 2. Objectives of Seed Grants and Conference Support: - a) Help new faculty members to bootstrap their research activities b) Encourage faculty members and students to present their papers and participate in top-rated conferences in their field 3. The Context Research, which is one of the primary pillars of IIITB, needs constant nurturing. One of the common hurdles faced by new faculty members who join the institute is to bootstrap their research activities. After having worked in a research group for several years, and built their own research network, faculty members often find it difficult to reinvent themselves in a new environment, and may not be able to right away join or collaborate with existing research groups and labs in the institute. Similarly, the institute recognizes that good quality research requires networking with established researchers and pioneers in the field. Usually this happens in the top-rated conferences in the respective areas. It is hence, widely felt that faculty members and research scholars should not only attend, but also participate by publishing papers in top-rated conferences in their area. 4. The Practice By creating an internal corpus called the Institute Research Corpus, the institute has been promoting research activities through various means. Of these, some of the most successful practices have been the practice of giving seed grants to new faculty members, and an annual conference support entitlement for faculty members, research scholars and students. Seed grants are available for new faculty members who have completed less than one year in the institute. This grant is provided against a proposed research plan with clear outcomes. The policy for institutionalizing this grant is as follows: 1. This grant may be availed by all new full-time faculty members who have completed less than one year of employment with the Institute. 2. The maximum amount of available grant is specified in the appointment letters sent to the faculty member, and it is to be used over a maximum period of three years. 3. Faculty members interested in applying should send a research proposal that details the following: - 1. Proposed research activity and its significance 2. Budget breakup based on estimated costs 3. Expected outcomes on a year-wise basis 4. Optionally, a list of experts from the faculty members who may be able to review the proposal 4. The Dean (RD) constitutes a review committee to review the proposal and forward a suitable recommendation to the Director. 5. The grant is released after approval by Director. Similarly, in order to encourage participation in top-rated conferences by IIITB research personnel, limited amount of support is available for presenting papers in conferences. Eligibility for faculty and students are published on an annual basis. Fellowship amount indicated may be availed by faculty members in any given year. Research scholars and students

may avail their eligible fellowship amount over their tenure. That is, faculty members are eligible for the listed support every year, while PhD research scholars are eligible for the listed support to be used over their tenure. Eligibility for application requires an accepted peer-reviewed publication (full paper, short/poster paper, demo) in the Conference or Symposium. For select online conferences, fellowship amount may be utilized for registration fee to attend the conference (in an online mode) without a paper. The following costs are covered by the fellowship: Registration, Travel tickets insurance, Stay Boarding, Commuting, and Visa charges. 6. Evidence of Success Both seed grants and conference support have been widely successful, with most faculty members and research scholars making use of this opportunity. Conference support especially has received very positive feedback from the students who have got an opportunity to visit new places and interact with top researchers in their field. 7. Problems Encountered and Resources Required The main challenge in creating this facility is to institutionalize a budget head. In order to do this, an internal corpus called the Institute Research Corpus was created. All administrative overheads charged on research grants were decided to fund this internal corpus, rather than go into the main institute budget heads. Similarly, there are occasionally some research projects that end up with a surplus, where the granting agency does not require the surplus to be returned. Such funds were also used to strengthen this corpus. Creation of this internal corpus has empowered promotion of research in several ways, of which, seed grants and conference support, have been the most successful. BEST PRACTICE – 2 1. IMACX Open Innovation Platform (https://www.imacx.org) 2. Objectives of IMACX: - a) Create an Open Innovation Platform that helps our Institute contribute to Socially-relevant Challenges b) Connect with Social Organisations and Government Commercial Enterprises for understanding the Challenges c) Create a mechanism for Institute Faculty, Researchers and Students to join hands with Institute-incubated Startups and Collaboratively create Innovative Solutions that address such Challenges d) Connect with Corporate Government organisations to help support the Innovations - both with financial go-to-market assistance 3. The Context This was Academic Year 2014-15:- While the institute's faculty researchers have been doing significant research in technology spaces - at times, it was felt that the institute could leverage its capabilities to address social issues of local relevance. The institute was also actively debating and considering the rollout of a new graduate program focused on the role of technology in society. Unlike technology research, creating offering socially-relevant solutions requires the institute researchers faculty to gain insight into the marketplace - its problems, its constituents, the constraints, the go-to-market aspects, the financial needs among others. Likewise, IIITB has been doing phenomenal contribution to the Startup Ecosystem through its not-for-profit company IIITB Innovation Centre right from 2009. While very many startups entrepreneurs benefitted from the business mentorship and guidance from IIITB, the institute's contribution in the domain of technology was non-existent. 4. The Practice Realising the strengths of and the potential synergies present between the Research and the Startup efforts, in the Academic Year 2015-16 IIITB rolled out the IMACX (IOT-to-Mobility Apps for Community eXcellence) Open Innovation Platform. As can be seen from the above figure, the primary objective of IIITB's IMACX OIP initiative is to connect "Problem / Challenge Owners" (on the left side) with the "Problem / Challenge Solvers" (on the right side). Accordingly, IIITB started engaging with: - • NGOs Citizens - By conducting workshops hackathons - to understand in-depth the societal challenges (at a macro-level) and the voice-of-citizens / voice-of-customers (at a micro-level) • Customers (Corporates Governments) - By seeking collaborative partnerships that would help with financial (CSR grants, Angel investments) go-to-market assistance (beta-testing limited pilots) • Institute Researchers Student Innovators - With at least one institute faculty performing the role of

Evangeliser (internally within the institute externally for media) for the challenge, thereby garnering significant mindshare within IIITB Researcher Student Community • GTM Partners - Bringing onto campus, Startups Entrepreneurs who are passionate about the challenge and are keen to work with the identified "Anchor Faculty" to help license / translate the institute's Research-led Innovation into Market-Ready Prototypes Solutions. 5. Evidence of Success The coming together of all the different stakeholders as part of the IMACX OIP is clearly seen from the successful outcomes thus generated: - • IMACX Events (https://www.imacx.org/events/) highlighting the challenge-focused workshops and hackathons including IMACX Civic-Tech Summit, IMACX-RISE Conference and IMACX-Open Studio • IMACX Play (https://www.imacx.org/play/) showcasing digitally the valuable deliberations during such events • IMACX Challenges (https://www.imacx.org/challenges/) lists a sample set of challenges that were funded with help from Corporate CSR and Government grants • IMACX Incubator (https://www.imacx.org/incubator/) Accelerator (https://www.imacx.org/accelerator/) showcasing the more than 100 solutions that have been collaboratively created between the institute and the startups • IMACX TURIYA Awards (https://www.imacx.org/awards/) recognising interesting innovations jointly created with the institute In financial non-financial terms - between AY2015 and AY2018: - • There was 10X increase in the number of startups, IIITB engaged with • There was 6X increase in the number of faculty members engaged in such challenges • There was 3X increase in the revenue generated from such challenge-oriented engagements • There was 5X increase in the Corporate CSR / Government grants raised for addressing such socially-relevant challenges • There were more than 20X in the number of news reports / articles that got published in mainstream media - featuring the institute, its faculty members and the solutions created (https://innovationsoftheworld.com/incubating-social-innovation/) 6. Problems Encountered and Resources Required Any new initiative has to overcome significant internal external reservations and doubts - more so, in the case of strategic in nature. Additionally, given that there are multiple parties involved to address the different challenges, it becomes absolutely necessary that exists mutual trust and win-win relationship. The IMACX OIP initiative, being one such strategic initiative required: - • Significant Top Leadership commitment support, patience perseverance • Positive messaging, both internally externally, to convey convince everyone that this is a winning initiative • Convincing faculty

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

10 unbeatable reasons why IIIT Bangalore (IIITB) is the preferred university for IT education in India 1. A clear focus on our raison dêtre - 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

Provide the weblink of the institution
https://www.iiitb.ac.in/distinctiveness

8.Future Plans of Actions for Next Academic Year

1. Document Digitization and ERP Implementation In order to reduce errors and increase efficiency of operations, IIITB invested in procuring enterprise tools that help with automation of manual tasks. This initiative also gives an opportunity for the staff to upskill themselves with knowledge of latest tools and technologies thus contributing to their productivity and efficiency. Tools such as Praxeva Document Management, Academia ERP, are going to be procured and deployed as part of this initiative. 2. Curriculum Reviews of M.Tech. and M.Sc. (Digital Society) Frequently reviewing the programme curriculum is crucial to keep it current and relevant to the ever-changing needs of industry and society. As part of this initiative, every programme will be subject to a review by a panel of experts. The review committee will comprise of eminent experts drawn from industry and other leading education institutions. The initiative also mandates curriculum review to be conducted minimum every 3 years. Review of M.Tech., iM.Tech. and M.Sc. DT are going to be taken up as part of this initiative during the post-accreditation period. 3. Industry Advisory Board (IAB) As part of this initiative, two platforms are to be leveraged for increased interaction with experts from both industry and academia. A separate advisory body (IAB) is planned to be created with leadership representatives from all major companies. For interactions with experts from academia, the existing Senate body is being already being leveraged. 4. Updated Specializations IIITB's degree

programmes broadly encompass three branches (a) Computer Science and Engineering, (b) Electronics and Communication Engineering, and (c) Digital Society. In order to provide deeper expertise in the respective branches, elective courses are grouped into various "Specializations." Students gain specialization by doing sufficient number of electives as specified by the Senate. Specializations have been created that are most relevant to the contemporary needs of the industry and current state-of-the-art. New specializations are being planned and existing specialization are going to be updated in M.Tech., iM.Tech. and M.Sc. (Digital Society) programmes. 5. Guided Study Not all students would be equally capable of handling the demands of post-graduate studies. A special committee named Academic Performance Management Committee (APMC) is constituted to oversee, track, counsel and guide students whose CGPA is less than 2.4, which is the graduating CGPA across all programmes of IIITB. Special "Guided Study" programme is going to be initiated to help students to repeat course activities while at the same time attending other regular classes. 6. Collaboration with IBAB Being located in the heart of Electronics City in Bangalore, IIITB is surrounded by several world-class industries and also academic institutions. The goal of this initiative is to establish partnership with non-IT institutions such as science institutions and management institutions. Such collaborations will provide opportunity for students to gain specialized non-IT domain knowledge directly from the experts. The multi-disciplinary collaborations also help research of IIITB to work on real-life problems that required multi-faceted solutions to be developed. MOU with IBAB is planned to be signed for faculty exchange as part of this initiative.