Yearly Status Report - 2016-2017

Part A	
Data of the Institution	
1. Name of the Institution	**BNM INSTITUTE OF TECHNOLOGY**
Name of the head of the Institution	**Dr. Krishnamurthy G N**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**08026711780**
Mobile no.	**8105869067**
Registered Email	**bnmitprincipal@gmail.com**
Alternate Email	**principal@bnmit.in**
Address	**Post box No. 7087, 27th Cross, 12th Main, Banashankari 2nd Stage, Bengaluru- 560070**
City/Town	**Bengaluru**
State/UT	**Karnataka**
Pincode	**560070**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Urban**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Dr. J. Thipperudrappa**
Phone no/Alternate Phone no.	**08026711780**
Mobile no.	**9847887317**
Registered Email	**bnmitprincipal@gmail.com**
Alternate Email	**principal@bnmit.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://www.bnmit.org/naac-accreditation/

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.bnmit.org/wp-content/uploads/2019/07/BNMIT-Calendar-of-events-July-Dec-2019-1.jpg

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**A**	**3.10**	**2017**	**30-Oct-2017**	**29-Oct-2022**

6. Date of Establishment of IQAC	**28-Feb-2017**

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
External ISO Auditing	**03-Apr-2017**	**2200**

	1	
Formulation of IQAC	**28-Feb-2017** **1**	**20**
Internal Quality Assurance Cell (IQAC) Meeting	**11-Mar-2017** **1**	**20**
Review of Self Study Report (SSR) – NAAC	**11-Mar-2017** **1**	**20**
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Computer Science and Engineering	**Video Analytics Development system**	**DST, IISc, Bengaluru**	**2014** **1095**	**325000**
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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 :	**1**
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)

• Implementation of Innovative Teaching Methods • Preparation of Self Study Report (SSR) – To be submitted to NAAC • Initiation of NBA preparation for accreditation of 5 UG programs of Engineering

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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
Implementation of Innovative Teaching Methods	Staff have implemented Innovative Teaching Methods like Casestudy discussions, Lab visits, Industry visits.etc,.
Implementation of rewards/Incentives for Best Teacher	Faculty with more than 90 appraisal will be awarded. (Covering academics, research and administrative aspects)
Preparation and review of Self Study Report (SSR) for NAAC	Self Study Report (SSR) was successfully submitted to NAAC
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14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
Management	20-Dec-2017

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

16. Whether institutional data submitted to AISHE:	Yes

Year of Submission	2017

Date of Submission	10-Feb-2017

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)	Maintenance of student records, admission, attendance, performance and progress, fee collection, fee due calculation and other activities are main functions of college that consume lot of resources and time. To make all these processes simple and structured,the Campus Management System was introduced in the campus from academic year 201415 (Even semester). The college, student and parent/guardian can interact through this single platform. College Management Software assists the faculty members to share course materials, assignments and intimations with students. Students and parents have access to progress reports and

attendance status through this facility. Instant messages are sent to parents if their ward is absent even for one class on daily basis. Parents and students can be reached instantly in case of emergencies. CMS provides a platform to conduct various surveys online. OBE attainment calculation and analysis is automated through CMS. CMS also helps in taking feedback presenting results from all the stakeholders. (www.bnmit.pupilpod.in)

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The syllabus for each course of the program, teaching hours and the evaluation methods are defined by Visvesvaraya Technological University (VTU), Belagavi. The college has a well-developed system for implementing the curriculum for each programme, to achieve the stated mission of BNMIT as detailed below: 1. The syllabus and method of evaluation is printed by the University, which is distributed to students and staff. 2. Each HoD circulates the list of courses to be delivered for the upcoming semester before the end of ongoing semester and gets the preferences of courses from each faculty. Based on the individual preference and expertise, the HoD assigns courses to the faculty for the next semester. 3. A college level time-table coordinator is appointed by the Principal who interacts with the department coordinators. The coordinator comes up with a time table that ensures adequate number of hours of teaching as specified by VTU, uniform distribution of teaching load, availability of faculty, laboratories, classrooms and seminar halls, time for student club activities and other constraint of resources. 4. Faculty prepares course outcomes, lesson plan and special methods to be incorporated into the lesson plan considering the comments/feedback received by the faculty who taught this course in the previous year. Faculty members are given flexibility to decide and to make modifications in the delivery process, if necessary. Faculty members are encouraged to use innovative teaching methods. 5. Program Assessment and Audit Committee (PAAC) reviews course outcomes, lesson plan and the innovative teaching methods for the ensuing semester. 6. Three internal tests are conducted during 6th, 12th and 15th weeks and marks scored by the students are sent to the university. These tests are conducted at the college level and are monitored by HoD's, Principal, Dean and Director. 7. A feedback by students on the performance of the faculty is taken soon after the completion of first internal assessment. The system ensures that the problems of the students for the specific course are addressed through corrections in delivery process, if required. Feedbacks are analysed and faculty with poor feedback are sought an explanation and suitably advised to improve the performance through well-defined action plans. Student feedback also forms a part of the staff appraisal process. 8. Student's performance in tests are evaluated based on scheme of valuation, which will be made available to students in due course. 9. After the announcement of results by the University, the departments prepare details of performance of the class, which includes percentage of pass, number of FCDs (First Class with Distinctions), maximum marks scored and position of BNMIT amongst other reputed colleges. These are

discussed in HoD's meeting and in the Governing Council for appropriate actions if the results are not good. 10. A process document guides the department in evaluating the performance of a class against set targets.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
NIL	NIL	01/07/2016	0	NIL	NIL

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	NIL	01/07/2016
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Computer Science Engineering	01/08/2016
BE	Electronics & Communication Engineering	01/08/2016
BE	Electrical & Electronics Engineering	01/08/2016
BE	Information Science Engineering	01/08/2016
BE	Mechanical Engineering	01/08/2016
Mtech	Computer Science Engineering	01/08/2016
Mtech	VLSI & Embedded Systems	01/08/2016
Mtech	Computer Application in Industrial Drives	01/08/2016
MBA	Master of Business Administration	01/08/2016

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	0	0

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Innovative Project Lab (IPL)	01/08/2016	420
Machine Learning	08/08/2016	120
Compiler Design	06/02/2017	120

An Investor Education Program (IEP) was conducted in collaboration with BSE-IPF (Bombay Stock Exchange Investors Protection Fund) titled "Capital Market Awareness, Introduction to Mutual Fund Financial Planning"by Mr. Alok Chajjer	11/08/2016	99

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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
BE	Internship	62
BE	Field Projects	8
MBA	Internship	118
MBA	Field Projects	117
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
The institution has been following a systematic approach to collect and analyse the feedback from all the stake holders on the aspects related to the overall development of the institution such as, teaching learning process, infrastructure, facilities, faculty etc., at regular intervals. • Representatives from the Industry, Alumni, Students and Senior Faculty are included in Internal Quality Assurance Cell (IQAC) of the college. The inputs from all the stakeholders' are considered for making necessary revisions and framing policies of the institute at the institution level. • Department Advisory Board (DAB) is constituted at program level comprising of all stakeholders for effective functioning of the departments. DAB regularly monitors the progress of the department and suggests necessary actions to bridge the gap between Industry requirements and Academics. • Program Assessment and Audit Committee (PAAC) consisting of HOD and senior faculty is constituted at program level to evaluate the goals and objectives of the program curriculum. It assists in the professional development of the faculty. • Faculty are evaluated through online student feedback to understand about the teaching-learning process so as to achieve the excellence in Teaching-Learning process. After the first internal assessment, all the students are required to

fill an online feedback form apprising the faculty using a scale of 1 (high) through 10 (low). The comments are analysed by the HoD and are discussed with the concerned faculty individually. Suggestions for improvement in teaching performance are given if required. • Apart from this, facility survey, graduate exit survey, alumni survey and employer's surveys are taken every year for achieving overall development of the college. • All these surveys are consolidated and analysed to check whether there are any deficiencies and if found they will be suitably addressed.

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	SE	3	0	0
Mtech	CAID	3	0	0
Mtech	VLSI	5	0	0
Mtech	CSE	3	0	0
MBA	MBA	20	65	17
BE	ME	15	45	12
BE	EEE	15	40	11
BE	ECE	30	400	30
BE	ISE	15	450	15
BE	CSE	30	800	30
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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
2016	1938	316	125	25	150

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
150	150	11	33	5	50
[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)

The details of the counselling system that has been developed in the institution for the students for various

purposes are given below. A. Counselling for continuous improvement in academics and other areas by faculty members • Each faculty member is assigned a group of around 20 students to be a counsellor/mentor. Counsellor is the first point of contact for students and their parents/guardians in case of any assistance in academic matters or otherwise. • Counsellors interact with students twice in a month to understand their problems, aspirations and interests advise them suitably for their academic improvement and to make an effort to resolve their problems. • During interaction with students, counsellors collect student information such as personal details, academic performance, training records and achievements in curricular and cocurricular activities. Bright students are encouraged to participate in technical paper presentations, competitions, take up innovative projects etc. Slow learners are assisted to perform better in academics. • Counsellors interact with parents / guardians to appraise their ward's performance and call for parent teacher meetings of slow learners. • Programmes like Talk5 (T5) is initiated at the college level to improve the mentor and mentee relationship. This helps students to communicate freely with their mentors without any hassles. B. Professional Guidance and Career advancement • In the welfare of students and total wellbeing, be it social, emotional, mental, physical, health, academics or financial, a facility known as Friends' Corner is provided within the campus for personal counselling through a well experienced full time consultant therapist. • Professional guidance and Career advancement counselling is provided to students through lectures/talks by eminent speakers. These lectures/talks are conducted through department associations and professional chapters.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2254	150	1:15

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
136	150	0	18	31

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2017	Prof. Narayana Rao R Maanay	Professor	Best Educationalist by National News Paper groups The Hindu
2017	Prof. Venkatesha K	Associate Professor	Best Faculty Award by Cognizant
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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
No Data Entered/Not Applicable !!!				
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

As an affiliated institution of VTU, evaluation norms of the university are

followed. The university has adopted major reform in evaluation by introducing credit based grading system from the academic year 2015–16 and the institute has adopted the same. The three internal tests performance is evaluated in a formative way. The college has evolved a few formative assessment methods to improve student performance viz: • Internal question papers and assignment questions are prepared such that all the questions are mapped to respective course outcomes with corresponding POs/PSOs. • Every question is accorded appropriate Bloom's cognitive levels to ensure quality. Question papers/ Assignment questions are scrutinized by the scrutinizer to check for compliance and is later reviewed and approved by the HoD. • For theory courses, open ended questions are asked for students to answer in internal assessments on topics of higher program outcomes (POs) such as professionalism, environment and social responsibility of engineering decisions. This is intended to inculcate independent learning in students and to develop their capability in researching a topic individually using modern aids. • Additional experiments are introduced in laboratory courses to address higher program outcomes (POs). This helps students to explore many practical approaches in solving real time application problems. • As part of the internal assessment of projects and seminars, Project Review Committee is formed for each department consisting of Head of the Department, Project In charge and senior faculty members for the continuous assessment of the project work of the students.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

• As an affiliated institution of VTU, academic calendar of the university is followed for the conduction of internal and external assessments for both theory and laboratory courses. • The academic calendar of the institute is planned well in advance in accordance with the university academic calendar and communicated to all the stake holders through CMS and the same is published in the college website for each semester. • The Institutes academic calendar depicts the dates of various programs planned to be conducted during the semester along with schedules for internal assessment. • Based on the calendar of the institute, a detailed day wise academic calendar is prepared at the department level. This contains dates of curricular and cocurricular activities to be carried out in the semester. • The department activities are conducted as per the academic calendar and a compliance report is prepared at the end of the semester. • If there is noncompliance, reasons will be recorded with suitable plan of actions.

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.bnmit.org/students-performance-learning-outcomes/

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
MBA	MBA	MBA	92	88	95.65
LVS	Mtech	VLSI & Embedded Systems	16	15	93.75
CSE	BE	Computer science	134	134	100

		Engineering			
ME	BE	Mechanical Engineering	69	68	98.55
EC	BE	Electronics & Communication Engineering	149	122	81.80
EEE	BE	Electrical and Electronics Engineering	68	66	97.058
EEE	Mtech	Computer Application in Industrial Drives	16	16	100
ISE	BE	Information Science and engineering	63	63	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.bnmit.org/students-satisfaction-survey/

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Any Other (Specify)	1095	DST, IISc, Bengaluru	3.25	3.25
Any Other (Specify)	150	BNMIT	1.47	1.47

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3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
FDP on "Role of IT in Power Sector"	Electrical and Electronics Engg.	09/01/2017
Manthan 2017– Business Plan Competition Awareness Camp	ED Cell	05/11/2016
Technical talk on "A Smarter Grid with IOT – A digital energy network"	Electrical and Electronics Engg.	21/10/2016

FDP on "Integration of Green Energy to Smart Grid – Opportunities and Challenges"	Electrical and Electronics Engg.	11/07/2016
Faculty Development Programme on "Entrepreneurship" in association with EDI, Bangalore	Entrepreneurship Development Cell	11/07/2016
Inauguration of Centre for Intellectual Property Rights (CIPR)	Entrepreneurship Development Cell	18/07/2016
eXpress talk on "Entrepreneurship – a new fashion Statement"	Entrepreneurship Development Cell	20/08/2016
Entrepreneurship Awareness Camp in association with EDI, sponsored by DST	Entrepreneurship Development Cell	26/10/2016
eXpress Talk: Mr. Aayush Arora, Entrepreneur, Social Cutlet	Entrepreneurship Development Cell	15/02/2017
Entrepreneurship Movie: Real Story of Varun Agarwal	Entrepreneurship Development Cell	22/02/2017
Idea Workshop named DISRUPT was conducted by Ms. Bhumika, Senior Associate, National Entrepreneurship Network, Bangalore	Entrepreneurship Development Cell	01/03/2017
Idea Box Competition	Entrepreneurship Development Cell	15/03/2017
eXpress Talk : Mr. Apoorva , Alumini of BNMIT	Entrepreneurship Development Cell	15/03/2017
My story session by two young entrepreneurs Mr.Santhosh and Mr. Naveen	Entrepreneurship Development Cell	05/04/2017
Seminar on Business Plan Preparation delivered by Mr. Yeshasvi Nag , Project Officer, EDI, Bangalore	Entrepreneurship Development Cell	22/04/2017
Artificial Intelligence and its applications	Information Science Engineering	09/01/2017
Cloud Computing	Information Science Engineering	11/07/2016
Machine Learning	Information Science Engineering	01/02/2017

Python Programming	Information Science Engineering	01/08/2016
Seminar on "Online Certification course" by Knights RoboCorp	Information Science Engineering	01/03/2017
Seminar on "Need for Internship"	Information Science Engineering	15/03/2017
Workshop on Ruby on Rails	Information Science Engineering	23/03/2017
Technical talk on What I wish my seniors told me	Information Science Engineering	12/11/2016
Technical talk on Modeling, Simulation and data intensive research (MS-DIR): The NEXT step for IT students	Information Science Engineering	22/10/2016
Intellectual Property Management	MBA	20/01/2017

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
No Data Entered/Not Applicable !!!				
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
BNMIT ECE	Asarva Chips and Technologies	Multiple funding agencies	Asarva Chips and Technologies	Chip development	01/01/2016
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	25000	50000

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
ECE	2
CSE	1
ISE	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Department of Mechanical Engineering	12	2.5

International	Department of Electronics and communication and Engineering	19	4.59
International	Department of Computer Science and Engineering	15	5
International	Department of Electronics and Electrical Engineering	26	5.36
International	Department of Information Science and Engineering	2	1.11
International	Department of Maths	2	2.65
International	Department of Physics	5	3.5
International	Department of Chemistry	12	1.31
National	MBA	1	0
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Mechanical Engineering	1
Computer Science Engineering	4
Chemistry	1
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
No Data Entered/Not Applicable !!!						
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
No Data Entered/Not Applicable !!!						
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local

Attended/Seminars/Workshops	13	15	93	39
Presented papers	22	18	14	0
Resource persons	1	0	6	2

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3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Children's Day Celebrations	NSS	5	25
Swamy Vivekananda Jayanthi	NSS BNMIT Sports	20	750
Blood Donation Camp	NSS	10	60
Uttishta	NSS, Sports and Yoga	15	250

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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NIL	NIL	NIL	0

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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Swachh Bharath Abhiyaana	NSS	Essay writing on Swachh Bharath Abhiyaana	3	55
Health Camp	Jnana Jyothi Trust NSS	Senior Citizen health check up camp	4	25

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3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Nil	0	Nil	0

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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
MOU	Internship	Old Dominion University, Norfolk , USA	04/07/2016	04/08/2016	6

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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Learnito Education Pvt Ltd	30/12/2016	Online course for placements and competitive exams	0

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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
228.45	109.95

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Others	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
Easylib Library Management Software	Fully	4.2.25	2006

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	32330	9146448	1419	592221	33749	9738669
Reference	7211	2253815	220	62279	7431	2316094

Books					
e-Books	13139	0	0	0	13139	0
Journals	119	274724	109	254999	228	529723
e-Journals	8611	1016500	8611	976000	17222	1992500
Digital Database	4604	50000	7838	30000	12442	80000
CD & Video	2417	0	38	0	2455	0
Library Automation	1	101610	0	0	1	101610
Weeding (hard & soft)	507	0	0	0	507	0

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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
Dr. R.V. Parimala	Electric Circuit Analysis	EDUSAT PROGRAMME – 21 VTU E-learning Center, Bangalore	21/09/2016

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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	910	681	633	12	0	33	150	50	0
Added	0	0	0	0	0	0	0	24	0
Total	910	681	633	12	0	33	150	74	0

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

74 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
VTU e-Learning	http://nptel.vtu.ac.in/econtent/courses/EEE/15EE32/10.php
VTU e-Learning	http://nptel.vtu.ac.in/econtent/courses/EEE/15EE32/11.php
VTU e-Learning	http://nptel.vtu.ac.in/econtent/courses/EEE/15EE32/12.php
VTU e-Learning	http://nptel.vtu.ac.in/econtent/courses/EEE/15EE32/13.php

VTU e-Learning	http://nptel.vtu.ac.in/econtent/courses/EEE/15EE32/14.php
VTU e-Learning	http://nptel.vtu.ac.in/econtent/courses/EEE/15EE32/15.php

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
386	225.61	739.89	618.23

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)

At the B.N.M Institute of Technology, we have established clear policies and procedures to create, maintain and upgrade the Infrastructure for enhancing the Teaching Learning process at regular intervals of time. •Proper systems and processes is ensured in recruiting, maintaining, and retaining staff members for Teaching, Technical and Administrative roles. •All the efforts are made in expending the budgets in creating and maintaining state of the art facilities in terms of establishing adequate number of classrooms, laboratories, teaching aids, and learning resources, etc., to enhance the overall student experience at our institution. •All the Laboratories are well equipped with latest state of the art equipment's and materials not only to cater towards imparting of Curriculum related aspects to students. The Labs are maintained well with regular/periodical upkeep. •The Library setup consists of the Main Library along with reference section, which collectively support the educational needs of students belonging to all the programmes/specializations being offered on campus. The Libraries contain a vast collection of Semester books, Reference books, Competitive exam books, Bound volumes, Journals, Conference proceedings, eBooks, CD's /DVD's, student Thesis, Dissertations, Periodicals, e-Journals, etc. •One large auditorium and 03 Seminar halls are established in campus with state of the art ICT facilities to conduct College level Events, State, National International Conferences, Workshops and Symposia. •Internet Bandwidth of 74 MBPS with WiFi connectivity is enabled in the campus for the benefit of staff and students. •An in house I.T Maintenance team comprising of experienced Networking professionals handles the I.T Infrastructure – Computer Labs, Computers, Browsing Centre, Servers, Internet, Firewall, etc. of College/Departments on a daily basis. •The college gives importance to all round development of students by providing scholarships to academic and sports achievers. Students are motivated them to participate in sporting and cultural activities in order to stay physically fit as well as to improve their creativity, interpersonal and organizing skills. •The Cultural Activities Team (KalaBhageerathi) at the College level is a think tank comprising of like students with a creative bent of mind who organize various Cultural programmes for students through the year. They also participate at InterCollegiate fest and events. •The Physical Education Department is well equipped with required infrastructure to train students on various indoor and outdoor games and events. The students can also make use of the Gymnasium. •The college organizes in house sporting events as well as it also encourages students to excel in sports as University level, National and International level. •Preventive / Routine maintenance is handled by the respective department technical staff. •Breakdown maintenance is handled by the IT maintenance staff. •All IT Services are managed internally with some minor external vendor. •Apart from the

https://www.bnmit.org/policy-and-procedures/

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	BNMIT– scholarship for economically weak, rural and meritorious students, BNMIT – scholarship for sports performers, Smt. Nalini memorial Maths award	49	772500
Financial Support from Other Sources			
a) National	Department of Social welfare, Backward community and minority office (Vidyasiri), Cognizant Scholarship, AICTE	563	14874105
b)International	Nil	0	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
English Communication – Sem 2	01/01/2017	234	BNMIT
English Communication Skills – Sem 1	01/08/2016	180	BNMIT
Professional counselling	01/08/2016	178	BNMIT Friends Corner
Mentoring	01/08/2016	2200	BNMIT Faculty Counsellors
Yoga	01/08/2016	500	BNMIT Physical Education Department
Bridge courses (15MATDIP41)	22/02/2017	84	Department of Mathematics of BNMIT
Bridge courses	11/08/2016	84	Department of

(15MATDIP31)				Mathematics of BNMIT
Remedial coaching	01/08/2016		101	Faculty of BNMIT

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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	Placement training and career counselling	22	90	22	84
2016	GATE FORUM	0	49	0	0
2016	Pre- Placement Training for 7th semester B.E by Bizotic Talent Solutions	63	63	6	43

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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
0	0	0

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
No Data Entered/Not Applicable !!!					
[View File](#)					

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2017	1	B.E	Mechnical Engineering	Vellore Institute of Technology	M.S
2017	1	B.E	Mechnical	San Jose	M.S

Year	Number	Degree	Department	University	Further Study
			Engineering	state university	
2017	1	B.E	Mechnical Engineering	UVCE	M.Tech
2017	1	B.E	Mechnical Engineering	University of Delaware, USA	M.S
2017	1	B.E	Mechnical Engineering	University of Michigan, USA	M.S
2017	1	B.E	Mechnical Engineering	RWTH International Academy	M.S
2017	1	B.E	Mechnical Engineering	R.V.College of Engineering	M.Tech
2017	1	B.E	Mechnical Engineering	Manipal University	M.Tech
2017	2	B.E	Mechnical Engineering	Chalmers University of Technology	MS
2017	1	B.E	Mechnical Engineering	Ramaiah Institute of Technology	M.Tech
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GRE	16
TOFEL	13
Any Other	3
GATE	1
GMAT	1
CAT	1
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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
KalaBhageerathi	Intra College	150
37th Y. Nagesh Rao Maanay Memorial Inter-Collegiate Throw ball Tournament 2016	Intercollegiate	624
TATVA – Annual intercollegiate technical fest	Intercollegiate	1640

Talents day	Intra College	50
BNMIT IDOL	Intra College	40
Staff Sports	Inter Department	300
Inter Department Sports	Inter Department	450
Annual Athletic Meet	Inter Department	200
International day of Yoga	Institutional Level	200

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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
2016	Runner Up	National	3	0	1BGCSE	Monisha, Ranjeetha JNeeta S Makam

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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)

• Every department has an active student associations consisting of student members from all semesters. As a part of student chapter activities eminent speakers and industrialists deliver speeches on topics relevant to current educational scenario. • Various co-curricular activities like Technical Talks, Seminars, Workshops, and Symposiums are regularly organized by the associations to enhance the technical skillset of the students. • Being an affiliated college, designing the syllabus is outside the purview of the institute. However, the institute can enrich the curriculum with incorporating contents beyond the syllabus and add on courses. Involving student representatives in DAB and IQAC plays a significant role in this aspect. Students come to know about the additional academic requirements, when they participate in seminars and workshops. This in turn is discussed in the DAB and IQAC meetings by the students for necessary improvements in the curriculum. • Students represents in various committees of the college viz., library committee which looks into the library requirements, anti ragging committee which plans out ways and means to facilitate the smooth transition of the fresher's to a professional program and mentoring cell etc. • Students are actively involved in BNM Friends of Nature club and NSS activities of the institute. Nature Club and NSS units of the institute conducts environmental awareness and societal benefit programs such as Cycle Street, Annual Srishtisambhrama program, Tree Planting, Documentary shows on Flora and fauna, Plastic Free Awareness program, Swachh Bharath Abhiyaan etc.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

BNMIT ALUMNI ASSOCIATION – BNMIT AA Alumni Association was formed in 2005 with a membership of over 200 with a motto: • Alumni to come back interact with students • Alumni to take sense of pride responsibility for doing good things at BNMIT BNMIT AA is committed to support professional growth strengthen

5.4.2 – No. of enrolled Alumni:

1117

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

Annual Alumni Meet on 22nd Jan 2017

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The management has delegated the decision making responsibilities in daily operations to Principal and HODs. Major decisions in framing policies concerning the Institution are taken by the top management through the feedback of stakeholders. The various teams strive with coordinated effort to lift up the brand name of the College in all assigned areas. The various functions that are delegated includes Teaching Learning Process, Academic aspects, Research and Development, Innovation, Entrepreneurship Development, Faculty Empowerment, Student counselling, Planning and Development of department infrastructure, Institutional Growth and Appraisal, Institutional Promotion, Conduction of Exam, Industry Institute Interaction, Alumni and Stakeholders interaction, Student Discipline, Library and College Ambience etc,. Regular review meetings are conducted to monitor the performance of the various functions through following committee – • Antiragging Committee • Grievances Redressal Committee • Library Committee • Sports Committee • Cultural Committee • Alumni Interaction Committee • Research Committee Participative Management System The institute promotes a culture of participative management by involving staff and students and by taking feedback from all the stakeholders in all its decision making process. The participative management approach is practiced at different levels in the college and all the stakeholders are involved in the process of decision making based on collective wisdom. The stakeholders participate in the following committees and contribute to the decision making. Participatory Management System for academic and administrative activities • Governing Council Meeting • HoDs Meeting • Department advisory board meeting (DAB) • Program Assessment and Audit Committee meeting (PAAC) Participatory Management System for Quality Assurance • Internal Quality Assurance Cell (IQAC) Participatory Management System for general activities • Alumni Meeting • Parents Teachers Meeting • Students Counselors Meeting • College Faculty Meeting

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
Industry Interaction / Collaboration	The following strategies are adopted for industry interaction / collaboration • Expand invitation to industry experts for lectures on special occasions and involving them in DAB. • Inviting industry experts as adjunct faculty to teach curricular and extra courses. • MOUs with industries to facilitate research activities, student internship and industry visits. • Participate in industry organized competitions.
Library, ICT and Physical Infrastructure / Instrumentation	The Library has an advisory committee consisting of Principal, Vice Principal, Chief Librarian, one senior faculty member nominated by the Director from each engineering department, Basic Science and MBA department. The Advisory committee normally meets twice in a year. It acts as an advisory body with regard to facilities and services and gives suitable suggestions for procurement of books and other relevant materials for better functioning of the library. • The facilities from time to time are created on the advice of the Library Advisory Committee and it aims to improve the facility on a regular basis. The power back up, digital library, computers and printers, Internet facility, e learning resources, information display and notification, reprography, etc., are the significant facilities contributing for the user friendly environment. • The library facilitates are ICT enabled for learning and ICT tools are deployed for the efficient use of the library resources. As part of Digital Library VTU Consortium, e Resources (e books and e journals) are subscribed for the current databases as per the consortium agreement. Computers are made available in the Library premises for the hassle free and easy access of resources by the students and faculty members. • Library working hours are extended up to 7.00 pm to facilitate students for effective learning. • Number of books issued to faculty members has been increased from 6 to 8 books. • Additional books are added on life skills for reference of faculty and students. • Facilities are updated

	periodically (ex: computers, software, electronic equipment) to meet the growing and changing needs of the college. Appropriate measures are taken to maintain safety, security, hygiene, cleanliness and greenery on the campus. Provisions are made in the budget for the purchases and maintenance of the same. • Apart from providing for academic requirements, quality infrastructure is provided to encourage the cocurricular and extracurricular activities of students for their holistic development. • Infrastructure is provided as per the requirements of the affiliating University which is monitored by the Local Inquiry Committee every year. However, each department assesses the additional requirements every year which is discussed in the GC and budget provision is made for the same. Some examples are yearly replacement of old computers, all class rooms are fitted with LCD projectors CCTV camera and few of them are converted to smart class rooms.
Examination and Evaluation	The University assessment done through the semester end examination is principally summative. The three internal tests performance is evaluated in a formative way. The college on its own has evolved a few formative assessment methods to improve student performance viz: • Taking student feedback on the teaching after the first test. This gives information for the teacher to improvise the teaching method. • Students are asked open ended questions on topics of professionalism, environment and social responsibility of engineering decisions. This helps students to develop their capability to research on a topic individually and present the same. • The internal test questions are set to map to the course outcomes and program outcomes which are explained to the student at the start of a course. • The question paper also addresses the different Bloom's skill levels. This ensures the questions are properly set. Senior faculty of the department scrutinizes the question paper for quality. The teachers also use a predefined scheme of answers to evaluate the performance. • The students have access to the answer books to check fairness of evaluation.

	Each assignment consists of questions on environment and societal effect of engineering decisions which the students research and answer. This inculcates in students independent learning and concern for the environment and empathy for the society.
Curriculum Development	The curriculum development is carried out by the affiliating university. However, institute deputes faculty members to the workshops conducted by the university on curriculum development. Further, senior faculty members of the institute are part of BoS in the affiliating university. Institute communicates curricular gaps from time to time to the university. These gaps are addressed at department level by arranging value added courses, guest lectures, technical talks, and industry visits.
Teaching and Learning	The following strategies are adopted by the institution for effective teaching learning • Appointment of well qualified, competent teachers and providing opportunities for their continuous development through training. • Organization of FDPs on pedagogical initiatives. • Students are exposed to topics beyond curriculum and to recent trends and also motivated to inculcate the spirit of lifelong learning. • A well developed process for design, planning, execution, measurement of outcome, feedback and correction is in place. • Remedial classes are conducted for slow learners to bring them on par with other students. • Attainment of course outcomes is assessed and action plan is proposed to overcome deficiencies/gaps if any. • Internet/WiFi facilities are provided. • Students are encouraged to visit foreign universities for internships. • Students are also encouraged to visit industries. • Platforms are provided for continued and sustained interactions.
Research and Development	The following strategies are implemented with respect to Research Development • Research groups among institute faculty have been formed. These groups work on specific research problems. • The policy for incentives to faculty who bring funding has been formed and shared with faculty members.

	• A well defined policy for providing cash incentives to researchers for their quality research publications is in place. • Reduced workload for faculty who opt their first priority as research. • Through DST funding (NewGen IEDC) student batches are given an opportunity to convert their innovative ideas into prototypes. • Collaborations with startups like SenseSemi and workshops from industry experts help students to think out of the box.
Human Resource Management	The following strategies are adopted for human resource management • Encourage for higher studies/research. • Encourage staff to attend FDPs and workshops by providing financial support. • Incentives for research publications. • Seed money for research. • Tuition fee reimbursement for children of non teaching staff. • Pay higher allowances for deserving staff.
Admission of Students	The admission process of the college is publicized mainly through website, prospectus, newspaper, magazines, college management software (CMS). Banners are displayed in the campus giving details of admission to the college. Stalls are set up in Educational fairs to publicize the admissions. However the majority of admissions have always been through recommendations of alumni, parents, current students and faculty. • The Institution is affiliated to Visvesvaraya Technological University (VTU), Belagavi and is approved by the All India Council for Technical Education (AICTE), New Delhi. Hence admissions to all the programs are as per the VTU/AICTE/Govt. of Karnataka norms. All the admissions are approved by the Directorate of Technical Education (DTE), Govt. of Karnataka, and VTU. • College admits students through CET, COMEDK, GATE, MAT, GMAT, CAT and Management as approved by Government of Karnataka in line with VTU and AICTE norms.

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

E-governace area	Details
Planning and Development	• Campus Management System called BNMIT pupil pod is introduced in the campus from academic year 2014. CMS helps in automating lesson plan preparation,

	student attendance management, Staff Management, conduct of Test examinations, teaching and learning process including NBA attainment calculations. Communication to all the stake holders including staff, students and parents happen online. CMS enables the processes to reduce the time spent, save costs and helps all stakeholders involved in the process.
Administration	• The college has Biometric system for taking attendance for teaching and nonteaching staff. The college campus is equipped with CCTV Cameras in all class rooms, laboratories and at strategic points. Admission process happens online, fee due and leave management are made easy through CMS.
Finance and Accounts	• The college uses pupil pod software which helps collection of students' fees in digital and transparent manner. This helps to increase the efficiency of staff towards the accuracy in financial transactions. The college conducts regular audit of annual books of accounts.
Student Admission and Support	• College admits students through CET, COMEDK, and Management quota as approved by Government of Karnataka in line with VTU and AICTE norms. The Government of Karnataka has established Karnataka Examination Authority (KEA). KEA conducts entrance test and admits students (online) based on the eligibility/merit, to Government quota share of seats in Engineering and Masters programs. Similarly COMEDK conducts online entrance test and admits students based on the eligibility/merit, to COMEDK quota share of seats in Engineering. • At college level, BNMIT pupil pod supports students by providing online access to curriculum matters like calendar of events, time table, lesson plan, course materials, attendance status, internal marks etc.
Examination	• As an affiliated institution of VTU, examination norms of the university are followed. The university has adopted major reform in examination process by introducing online Question Paper Delivery System. VTU evaluates answer scripts digitally, thus reducing the overall time required for the release of the semester end results.

		Photocopies of the answer scripts are also provided to the students digitally on the need basis through SMS and email.

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	Dr. B. S. Prathibha	International Conference on Advances in Science Engineering	NIL	10000
2017	Charithra C M	Research Themes in Finance and Econometrics for Research in Finance.	NIL	600
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2016	Innovative Teaching Methods	NIL	18/07/2016	23/07/2016	25	0
2017	NIL	Advanced Excel	18/01/2017	18/01/2017	0	17
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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
No Data Entered/Not Applicable !!!				
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
150	150	147	147

6.3.5 – Welfare schemes for		
Teaching	Non-teaching	Students
• Provident fund and gratuity schemes as per • Provident fund and gratuity schemes as per The Management gives scholarship to the extent government norms • Leave benefits like casual leave, earned leave, maternity leave, study leave, sick leave etc. as per the Institute norms. • Ph.D. allowances for faculty members perusing research. Further increase in allowance would be considered based on progress of research work. • Financial assistance to the staff for paper presentation/ participation in conference/ FDP's/ workshops/ any training programs registration in India and abroad. • Cash incentives for paper publication in reputed journals. • Cash incentives for self lf appraisal rating of 90 and above. • Reserved medical fund for emergency medical expenses. • Insurance on complete gratuity amount.	• Leave benefits like casual leave, earned leave, maternity leave, study leave, sick leave etc. as per the Institute norms. • Reserved medical fund for emergency medical expenses. • Insurance on complete gratuity amount.	The Management gives scholarship to the extent of total amount of Rs. 25 lakhs per year. • CET students admitted within the ranking 1000 will be given a onetime scholarship of Rs.25,000/ at the time of admission. • ComedK students admitted within ranking 3000 will be given a onetime scholarship of Rs.10,000/ at the time of admission. • Merit scholarship of Rs.10,000/ will be given to all the students securing CGPA of above 9.5 in 1st semester. • Scholarship of Rs.10,000/ will be given to all the students securing more than 90 in any semester. • Scholarship of Rs.10,000/ to Rs.25,000/ will be given to rural Karnataka students from economically weaker section admitted through CET. • Student who has secured more than 60 in exams and has represented VTU in sports is awarded expenses. • Insurance on complete gratuity amount. Rs.10,000/. • Student who has secured more than 60 in exams and has represented Karnataka in any sports is awarded scholarship of Rs.25,000/. • Student who has secured more than 60 in exams and has represented our Country in any sports is awarded scholarship of Rs.50,000/. • Cultural Scholarship of Rs.10000 to Rs.25000 to VTU youth festival members. Gold Medals • All students securing Ranks in VTU are awarded gold medals. •

		Students securing 90 and above in first four semesters are awarded a gold medal and similarly those securing 90 in the last four semesters are also awarded gold medals. Insurance Insurance: All Students are insured for Rs.100000/-

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 audit regularly through authorized auditor.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Nil	0	Nil
No file uploaded.		

6.4.3 – Total corpus fund generated

120000000

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	ISO, Academic audit by experts	Yes	Internal ISO (Committee Department Level)
Administrative	Yes	ISO, Financial audit by external auditors	Yes	Internal ISO (Committee Department Level)

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

• Every semester, Parents Teacher meeting is arranged to discuss the activities performance of their wards in internal and external assessments. • Parents' feedback is taken for overall development of the department and Institution. • Few Parents are also a part Department Advisory Board (DAB) of the departments and supports the smooth functioning of the activities related to the students.

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

Supporting staff developments programs are conducted at the department levels. Also institute conducts programs from external agencies.

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

1. Enhancement of Industry linkages through collaboration 2. Implementation of Faculty Development Programs (FDPs) 3. Initiation to get NAAC accreditation to

the institute.

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2017	Formulation of IQAC	28/02/2017	28/02/2017	28/02/2017	20
2017	IQAC Meeting	11/03/2017	11/03/2017	11/03/2017	20
2017	Review of Self Study Report	11/03/2017	11/03/2017	11/03/2017	20
2017	External ISO Auditing	03/04/2017	03/04/2017	03/04/2017	150

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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
NIL	01/07/2016	30/06/2017	0	0

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
1. Solar panels are fixed on the roof tops of the Building. 100KW total solar energy generated which is transferred to the electric grid. Use of grid connected solar energy helps to conserve electricity use. 2. Solar water heating systems are fixed on the roof tops of the hostels to provide all time hot water to the inmates. 3. Normal light bulbs are replaced by LED/ CFL lamps. 4. Rain water harvesting is efficiently practiced in the campus Run away water of rains is collected in 5 tanks. 5. The open soil area of the campus is covered by grass and diversified flora this helps in retaining and absorbing rain water Thus helping in increase of ground level of water It also helps in avoiding soil erosion 6. To encourage the use of bicycles by the nearby students, loan with 0 interest is provided by the Management to buy the bicycle for their transportation. 7. Cycle rally was conducted from College to Lalbagh and back as an Awareness program 8. Vermi composting is implemented . 9. All internal communications of Administration, Office and Departments are done through electronic communication. 10. In association with KSPCB, ewaste is disposed through the authorized vendors. 11. Lush green garden boarder by the avenue trees and shrubs helps in Carbon Neutrality

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
Scribes for examination	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	17/02/2017	1	Blood Donation Camp	Public Health	70
2016	1	1	24/07/2016	1	Senior Citizen health check up camp	Public Health	29
2016	1	1	03/10/2016	1	Essay writing on Swachh Bharath Abhiyaana	Public Awareness	58
2016	1	1	23/09/2016	2	Shrusti Smbrahama	Public Awareness	150
No file uploaded.							

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Orientation Programme Student rule book. It consists of the disciplines to be observed in the campus, Calendar of events, rules and code of conduct to be followed in the institute	04/08/2016	Dress code, code of conduct in the campus, adhering to timings etc,.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Children's Day Celebrations	19/11/2016	19/11/2016	25
Swamy Vivekananda	08/01/2017	08/01/2017	750

Jayanthi			
Blood Donation Camp	17/02/2017	17/02/2017	60
Uttishta	18/02/2017	18/02/2017	250
Essay writing on Swachh Bharath Abhiyaana	13/10/2016	13/10/2016	58
International Day of Yoga	21/06/2017	21/06/2017	200
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Phasing out in process to make Campus Plastic free zone 2. Garbage disposal system to segregate bio degradable waste. 3. Rain water harvesting process initiated 4. LED conversion from CFL in process. 5. 100KW capacity solar panel is installed. 6. Institute has plantation of trees and plants that make the environment carbon dioxide free. 7. As a paper save paper, official communication is done through website, LMS software (DHI) and other mediums (email) rather than printed circulars. 8. Periodic review is taken on status of equipment (Computers, Printers and other accessories).Those in not working condition are scraped properly to ewaste management team. 9. Campaigning and awareness creation programme for sustainable development and ecofriendly life style. E.g. Rallies, walkathon , poster presentation, Awareness program (shrustiSambhrama) etc. 10. 10. Gardens and nursery: vacant land has been earmarked for grassy patches including a nursery. Garden areas add to the beauty of the college besides improving carbon footprint. They also prevent soil erosion. Apart from this, Nature Club and NSS units of the institute conduct various environmental awareness programs. Programs conducted during 201718 includes • Environment Quiz program • Cycle Street • Annual Srishtisambhrama program • Tree Planting • Documentary shows on Flora and fauna • Plastic Free Awareness program • Students participation in Idea Conclave for Better Bengaluru • Swachh Bharath Abhiyaan

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice 1 1. Title of the Practice: Innovative Project Laboratory (IPL) 2. Goals: • To inculcate scientific approach in students to identify the problems around them and find solutions for the same, by self motivation and study. • To develop the entrepreneurial skills in students that is essential in todays environment. 3. Context: Through IPL, institute is trying to bring challenging spirit among young minds by learning and conducting experiments on their own. This provides an opportunity for students to solve current problems or develop a product. 4. The Practice: • Students of all semesters have to carry out one project in a group of 3 5, every semester apart from their regular curriculum. This activity develops team spirit, creative thinking, self learning, lifelong learning and communication skills in students, which are essential attributes of Engineers to meet dynamic requirements of the industry. • The weekly time slot for innovative projects lab is included in regular timetable. • Students have to build hardware or develop software as part of the project. Each student gets a certificate for successful completion of project. • Best IPL project from each class will be selected for college level competition and awarded a cash prize of Rs. 2000/. • Thus selected projects from each class will be exhibited for all students, staff and management during winter and summer IPL competitions conducted by BNMIT ED cell. • These projects are evaluated by two to three industry experts. • Best IPL project from each semester across college will be awarded a cash prize of Rs. 5000/. • One

project adjudged as best amongst all the projects across departments, will get a cash prize of Rs. 10,000/. • Three best projects will be selected for cash prizes and special certification. • 5. Evidence of Success: IPL has been in practice for four years since 2014 and 8 such competitions have been held. The best and innovative projects initiated in IPL are selected for funding to develop prototypes under NewGen IEDC. 11 such projects have been implemented during 2017–18. 6. Problems Encountered and Resources Required: Motivating all students to participate is a problem apart from time constraints and is slowly being addressed. The resources required like components, fabrication facility, prize money etc. were provided by the college. Students have now seen the advantages of participating in this program. 7. Future plans:The institute is planning to take this to a higher level by encouraging students to convert ides / projects / prototypes into products. 8. Contact Details: Name of the Principal : Dr. Krishnamurthy G.N Name of the Institution: BNM Institute of Technology City : Bangalore Pin Code : 560070 Accredited Status : A Grade Work Phone : 080 26711781/82 Fax : 080 26711780 Website :www.bnmit.org email : principal@bnmit.in Mobile : 8105869067 Best Practice – 2 1. Title of the Practice: BNM Mentors Network (BNMIT Alumni Series) 2. Goals • To guide and mentor aspiring undergraduate engineering students for their future endeavors by bringing them in a network with alumni. • To conduct series of talks and interactive sessions for pre–final year students in association with BNMIT alumni. 3. The Context • As a professional engineer after graduation, the students need to address the societal and technological issues and provide comprehensive solutions. • To understand the nature of real world problems, a series of talks and interactive with alumni is organized under alumni series, with the goal of guiding students to choose their future career path. 4. The Practice • BNM Mentors Network was formed in 2012, with the goal of helping undergraduate students to choose their future path, be it in higher education in India or abroad or even choosing the path of their careers. • Interactive sessions have been conducted starting from 2012, which involves students who are pursuing higher education in various prestigious institutions across the world like Indian Institute of Science, Cornell University, Georgia Institute of Technology, TU Kaiserslautern, National University of Singapore and also students from the industry working in QUALCOMM, Mentor Graphics, Cisco, Hewlett Packard etc. 5. Evidence of Success • This programme has been highly successful in delivering students a sense of purpose and helped them to reach their goals. • Improvements are noted in students' performance in their placement interviews and off campus placement • Through these program, students have established good contacts with alumni to get guidance for their higher studies and placements. • One of the best examples is that the students who were part of this programme have gone ahead for pursuing their aspirations and have come back to share their experiences with the new batch of students. 6. Problems Encountered and Resources Required • Engaging the alumni and scheduling interactions with students along with the curriculum was challenging. BNMIT alumni from reputed industries/institutions were involved for effective implementations of this program. Students have now seen the advantages of participating in this program. 7. Future plans • The institute is planning to take this to a higher level by creating alumni database to help students in getting industry projects, internships, placement assistance, and guidance for higher studies. Contact Details: Name of the Principal : Dr. Krishnamurthy G.N Name of the Institution : BNM Institute of Technology City : Bangalore Pin Code : 560070 Accredited Status : A Grade Work Phone : 080 26711781/82 Fax : 080 26711780 Website : www.bnmit.org email: principal@bnmit.in Mobile : 8105869067

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
https://www.bnmit.org/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

1. Institution has grown horizontally as well as vertically since its time of inception, 2001. BNMIT started in 2001 as one of the 200 colleges in VTU and is now recognized as the premier academic institution in engineering in VTU. BNMIT provides engineering education and undertakes engineering research that together serves to develop creative technological leaders and advance the frontiers of engineering knowledge. 2. BNMIT has excellent, experienced and dedicated faculty members who are its pillars of strength. Apart from an all-encompassing academics, the college provides Industry Interface, Performance enhancing programs, Placement training and Career support programs, multiple skill acquisitions, orientation and induction programs, scholarship and rewards for the deserving students and an elegant and charming dress code. 3. BNM Institute of Technology is equally passionate about research and constantly strives to strengthen it by twinning with R and D institutions and industries at national and international levels. The management and faculty wholeheartedly support students in achieving their potential and embarking on exciting careers. 4. Higher education is a long term social investment. The alumni's of the institute have spread all over the world and are working for prestigious organizations. Graduates from the institute are also pursuing higher studies in the prestigious institutions across the globe. 5. The most distinctive feature which is in line with the institutes vision is the institute's presence in helping the society and community through various social events, activities. Events like awareness campaigns, health camps, soft skill training, awareness rally, startups, and environment awareness programs are organized by the management at regular intervals. 6. At BNMIT, students are not only prepared for gaining knowledge but also enough opportunities are given to equip themselves with cultural activities, sports, nature awareness, adventure activities, social services, etc. It has become an additional and important parameter for companies to decide on the right candidate for the top jobs. 7. A well established Training and Placement department strives hard to prepare students to get jobs on campus through rigours and continuous training and inviting many MNCs for campus recruitment resulting in high percentage of placements compared university average. 8. Students are trained with additional skills beyond the syllabus to make them industry ready.

Provide the weblink of the institution

https://www.bnmit.org/institutional-distinctiveness/

8.Future Plans of Actions for Next Academic Year

To get institute with NAAC accreditation. To get all the UG branches accredited by National Board of Accreditation. To built Research Culture among faculty and students To motivate students to develop and implement innovative ideas through organized workshops, seminars, and similar competitions.