



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution		MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING
Name of the head of the Institution		Dr. G L Easwara Prasad
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		09880509299
Mobile no.		9972099169
Registered Email		principal@mite.ac.in
Alternate Email		hodaer@mite.ac.in
Address		Badaga, Mijar Moodbidri
City/Town		Moodbidri
State/UT		Karnataka
Pincode		574225

2. Institutional Status					
Affiliated / Constituent		Affiliated			
Type of Institution		Co-education			
Location		Rural			
Financial Status		private			
Name of the IQAC co-ordinator/Director		Dr. Diwakar Shetty			
Phone no/Alternate Phone no.		08258262698			
Mobile no.		9845267292			
Registered Email		deanacademic@mite.ac.in			
Alternate Email		hodaer@mite.ac.in			
3. Website Address					
Web-link of the AQAR: (Previous Academic Year)		NA			
4. Whether Academic Calendar prepared during the year		Yes			
if yes, whether it is uploaded in the institutional website: Weblink :		https://www.mite.ac.in/igac/			
5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B+	2.59	2018	03-Jul-2018	03-Jul-2023
6. Date of Establishment of IQAC			02-Aug-2013		
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		
NAAC Accreditation	03-Jul-2018 5		3000		

NBA Accreditation to Aeronautical & Civil Engineering	26-Apr-2019 3	800
ISO 9001:2015 Certification for the Institute	26-Mar-2018 3	3000
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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
Faculty	RGS/F	Vision Group of Science and Technology, Govt. of Karnataka	2018 2	5
Institution	RD Scheme	Karnataka Council for Technological Upgradation	2018 3	49.5
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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. The institution is accredited by NAAC 2. Initiation of NBA Accreditation process in the Department of Aeronautical Engg. and Civil engg. and successfully completion. 3. The institution successfully completed the surveillance audit and was awarded the new ISO 9001:2015 Certification for a period of three years. 4. The best teaching learning process implemented in the institution under the guidance of IQAC resulted in enhanced overall results and 4 students received

University Ranks. 5. Initiatives for beyond the curriculum teaching resulted in students winning National Hybrid Championship and also third place at Unisys 20/20: Nation Design Championship with cash prize of INR 1 Lakh.

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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
NAAC Accreditation for the Institute	Successfully Accredited
NBA Accreditation for Aeronautical and Civil Engg.	Successfully Accredited
Improve overall results	Result improvement observed
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14. Whether AQAR was placed before statutory body ?

No

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

2019

Date of Submission

11-Feb-2019

17. Does the Institution have Management Information System ?

Yes

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

The institution has an Enterprise Resource Planning Software. The MIS has modules on Teaching Learning, Placements, Administration, Parent interaction. it also has module for students to access their performance and other details.

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 institution follows the curriculum prescribed by the affiliating

university, Visvesvaraya Technological University Belagavi. The institution develops action plans for effective implementation of the curriculum. Institute has an Academic Advisory Committee (AAC) comprising of the Head of the Institution, Head of the Departments and Deans. AAC meets at the beginning of every academic year and provides suggestions for effective implementation of the curriculum and prepares an academic calendar. From the scheme, subjects are allotted to the faculty based on their specialization by the Head of the departments well in advance. The faculties submit the detailed course plan including the course outcome, its mapping with the program outcome before the commencement of the semester. The timetable for the class work is prepared and effective monitoring of the same is carried out by heads of the respective departments. Detailed coverage of syllabus and the internal assessment tests is maintained by each faculty in the academic record. Centralized Internal Assessment tests are planned and conducted under the aegis of Dean Examinations in line with the university examinations. After every internal assessments performance of students will be communicated to parents. Attendance is constantly monitored and students below threshold (marks or attendance) are intimated and their signature is recorded. After each internal assessment, results and performance of students are discussed in department meetings to evaluate and remedial measures are then initiated. Based on performance parent are invited for parent-faculty meetings on the case to case basis. Remedial classes are conducted for academically under-performing students to raise their academic performance. To enhance the teaching-learning process the syllabus, question papers, study materials, and PPT's are provided to students by respective faculties. Also, Lab manuals are prepared for each laboratory and disseminated to the students. Well-equipped Air-conditioned Library provides access to adequate volumes of textbooks, question banks, Journals, study materials and e-resources. MITE has also enrolled in the National Digital Library, which provides free access to more than 7 million volumes online. To provide an insight of the current trends in the industry along with supplementing the curriculum, Industrial visits are organized by the departments. This helps keep students abreast with the current industry practices followed and acquire traits that the industry demands. Students are also encouraged to undergo internships in organizations of repute. Induction programs are conducted for the new staff and faculty members of the different departments. Pedagogy's are arranged to enhance the Teaching-Learning process and to promote student-centric teaching process. Personal computers and printers are allotted to every department. To infuse modern technology in the teaching process Laptops are issued to faculties at concessional prices. The individual faculty is provided with independent cabins which enhance the process of counseling students and effective interaction with parents. The entire campus is high-speed Wi-Fi enabled that aids students to enhance their learning, pursue online courses and innovative projects. Classroom ambiance is enhanced with the Air conditions, projectors and dust free white boards. Continuous Generator backup handles power failures. Few Classrooms are also equipped with Smart-boards.

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
Industrial Automation Technology	Hydraulics pneumatics	13/08/2018	3	Employability	Automation
Industrial Automation Technology	Programmable logic	13/08/2018	3	Employability	Automation

Digital Design and Manufacturing and Validation	Computer Aided Design(NX CAD)	06/08/2018	3	Employability	Digital Design
Digital Design and Manufacturing and Validation	Computer Aided Manufacturing(NX CAM)	06/08/2018	3	Employability	Digital Design

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Null	01/08/2018
Mtech	Null	01/08/2018

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

	Certificate	Diploma Course
Number of Students	900	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
Hydraulics pneumatics	03/09/2018	407
Programmable logic controllers	06/08/2018	281
Rob CAD	05/09/2018	258
Infosys Campus Connect	06/08/2018	354
Computer Aided Design(NX CAD)	10/09/2018	237
Auto CAD	02/08/2018	112
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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	Null	760
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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)

<p>Feedback Obtained</p> <p>Parents meet is organized every semester. The interactions between faculty and parents enables us to identify issues related to academics, infrastructure, and other necessities. Student feedback is also given due considerations. Alumni meet are organized twice every year and their feedback is given great importance. The obtained feedback from students and stakeholders are communicated to the university whenever necessary and also implemented at teaching and learning process at MITE. The feedback obtained through the stakeholders is communicated to the VTU to incorporate changes in curriculum and introduction of new courses. Feedback is an integral part of the quality assurance process in MITE. It helps the institute reinforce good practices and improve the quality of the other processes. MITE promotes participate management and hence feedback from stakeholders are pivotal. The Principal and HOD's retrieve the response from the stakeholders to evaluate the practices implemented in the institution. Student feedback are perceived on regular basis (one interim and one at the end of the semester). Apart from that, the Principal/HOD's interact with students constantly to assess the system. Also, the feedback from parents is given due importance. The head of the institution networks with the parents and obtain feedback. The head of the institution also collaborates with the Heads, faculty to review the teaching learning process implemented and other activities. An exit survey is conducted as the student graduates from the institution. The survey acts as an indicator of the performance of the overall system in the campus. The principal also networks with alumni constantly. This interaction not only promotes infrastructural growth but also helps the institution to be on par with the current industry requirements. Also, the Principal amasses the feedback from the recruiters on the infrastructure and the human resource through the Dean Training and Placements. This enables the institution to evolve as per the industry needs. The Head of the institution interacts regularly with internal and external auditors and their feedback is given due importance. The principal also interacts with university and officials from other statutory bodies constantly. The feedback empowers and supports the evaluation of the various policies of the institution.</p>
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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
BE	Nill	720	800	562
Mtech	Nill	132	30	3
MBA	Nill	120	140	96
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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
2018	2539	181	139	17	5

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
156	156	10	53	2	4

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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

The Institution has in place a robust system of mentorship which believes in catering to each and every student concerns, problems and aspirations both in academic and personal life. The department allots each faculty with about 20 students based on the class strength. The progress of the student is constantly monitored by the mentor. A counselling book for each student is maintained by the mentor in which the attendance, academic details and personal details are recorded. On a need basis, mentors may refer the case of required students to the higher levels like Principal /Management /External Counselor. 9.1.1 Internal Mentoring Mentoring provides an extraordinary chance to expedite a student's growth, both personal as well as professional. Mentoring helps the students to get over the difficulties in studies and also provides the students with various career options and develop their skills that will better their success. The flowchart of mentoring process is shown in Figure 9.1 Student Mentoring Process: ? Each faculty is allotted a batch of about 20 students. ? The counselling sessions are conducted thrice in a semester. ? A specific counselling record called Student Performance Record (SPR) is maintained by the mentor for individual student as shown in the figure 9.2 ? The counselling process caters to the need of both slow learners as well as advanced learners. ? The process of counselling focusses on Professional guidance, career advancement, course work specific, laboratory specific, all round development. ? The mentoring reports are submitted to the H.O.D. after each counselling session for further counselling if needed. ? The HOD may refer the case to Principal/Management/External Counselor if required. ? The parents are informed about the performance of their wards through SMS/phone call/Email. (ERP system is implemented for academic year 201819).

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2720	156	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
156	156	0	23	19

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	Designation	Name of the award,
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	receiving awards from state level, national level, international level		fellowship, received from Government or recognized bodies
2018	Tamil Selvam	Assistant Professor	Young Scientist Award
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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BE	BE	2	06/01/2018	30/04/2018
BE	BE	1	06/01/2018	23/04/2018
BE	BE	3	10/01/2018	26/04/2018
BE	BE	4	11/01/2018	27/04/2018
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Exams are as per the affiliated university, Visvesvaraya Technological University, Belagavi. The institute has evolved an internal evaluation system in accordance with the affiliating university. Being an affiliated institute, MITE has limited flexibility in designing the question papers in terms of variety and the number of tests in terms of frequency. The institute has taken at most care to ensure that the internal evaluation complements curriculum, is transparent, robust and is in synch with recent trends. Over the period the internal assessment process at MITE has seen the following reforms: ? Dean Examination is appointed to take care of the examination processes. ? A defined structure of Dean, faculty coordinators from all department is created for smooth conduction of the centralized tests and examination. The answer booklets are dispersed for the IA tests from the Central Examination Section and is received back at the same place after the test from where the books are redirected to the concerned faculty members. ? The Question paper(QP) is set in line with blooms taxonomy with reference to the expected Course Outcomes in the QP. ? The Question paper and the institution defined Assessment Sheet is reviewed and approved by the HOD. The assessment sheet includes the blooms level mapping, the order of question, the intended course outcomes, details of the course owner and section. ? Students are intimated well in advance about the pattern, portion and CO's intended. ? An internal Assessment for 25 marks were conducted initially. Out of 3 internals average of best 2 internals were considered. ? Later each test were conducted for 50 marks and which then was divided by 2 to get the value on scale of 25. Like the previous method Out of 3 internals average of best 2 internals were considered. The increase to 50 marks was to cover more syllabus and test the students on a wider arena though the university only mandates 25 marks. ? With university implementing CBCS, the BE programs, internals weightage was mandated to 1505 (IA TestsAssignments) marks. MITE changed the exam pattern with the internals conducted on 30 marks and proportionately reduced to 15 marks. 05 marks on assignment was through Quizes, Seminars, Assignments and other allied tasks in the classroom. ? The university has further changed the scheme of evaluation with 40 marks through the Internal Evaluation 3010 (IA TestsAssignments) marks. Currently 30 marks IA is conducted, the remaining 10 marks is through Quizes, Seminars, Assignments and

other allied tasks in the classroom. ? Answer booklets are issued back to students after evaluation for clearing any discrepancy if ever found. ? IA marks are displayed in the notice board on the dates stipulated in the CoE. ? Performance of ward in the IA Test and their attendance status is sent to parents through SMS(within India) and through email(outside India).

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

MITE believes that proper planning is essential for excellence. The institution prepares the Calendar of Events (CoE) in advance once the affiliating University declares the semester schedule. The CoE is prepared considering the number of working days, the number of days each day of the week works, say the semester has more leave on a Wednesday, few other days the timetable schedule would be of Wednesday such that each day scheduled courses gets the equal share. The CIE is planned well in advance and mentioned in the CoE. The strike rate of the actual and planned date to be in perfect synch is over 81. Few discrepancies are owing to the unexpected leaves that the organization may have to declare either due to internal or external factors, which on an average is very less or due to any change in the university declared semester schedule. In addition, the date on which the Test Marks have to be displayed on the department notice board is also mentioned and duly followed.

2.6 – Student Performance and Learning Outcomes

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

<http://mite.ac.in/programs>

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
BE	BE	Engg.	645	621	96.27
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2.7 – Student Satisfaction Survey

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

<http://mite.ac.in/naac>

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
Major Projects	2	KCTU, Bangalore	42	0
Students Research Projects (Other than compulsory by the	1	VTU	0.2	0.2

University)				
Students Research Projects (Other than compulsory by the University)	1	KSCST	1.4	1.4
Minor Projects	1	McAfee Softwares India	0.1	0.1
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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
A session on Patent Process Contents of the Session 1. Patent Process 2. Important Forms involved in Patent process 3. Patent Search	IPR Cell MITE	20/03/2019

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
Best Paper Award	Dr. Ganesh Aithal	NMAMIT, Nitte	24/05/2019	International Conference
Outstanding Reviewer	Dr. Ganesh Aithal	NMAMIT, Nitte	24/05/2019	International Conference
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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
MITE NAIN Incubation Center	MITE NAIN Incubation Center	KITS, Govt. of Karnataka	Incubation	Student innovative projects	26/11/2018
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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	0	1

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

Name of the Department	Number of PhD's Awarded
Mechanical Engineering	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)
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National	Mechatronics Engg6	6	1
International	Computer Science Engg.	6	3
International	Mechanical Engg.	10	1
International	Chemistry	6	0.5
International	Physics	3	0.8
International	Mathematics	6	2.5
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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
Mathematics	2
Electronics and Communication Engg.	5
Computer Science and Engg.	8
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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
Study of Mechanical Behavior for Tamarind Shell Powder and Coconut Coir Fibre Epoxy Composite for Aerospace Application	Dr. G Purushotham	International Journal of Trend in Scientific Research and Development (IJTSRD)	2018	0	MITE	0
Estimation of Stability Derivatives in Newtonian Limit for Oscillating Cone	Dr. Asha Crasta, Shabana, A., Monis, R.S., Khan, S.A.A	IOP Conference Series: Materials Science and Engineering	2018	2	MITE	0
The computation of stiffness	Dr. Asha Crasta, Shabana,	International Journal of	2018	2	MITE	1

derivative for an ogive in the hypersonic flow	A., Monis, R.S., Khan, S.A.A	Mechanical and Production Engineering Research and Development				
AN EFFECT OF SWEEP ANGLE ON ROLL DAMPING DERIVATIVE FOR ADELTA WING WITH CURVED LEADING EDGES IN UNSTEADY FLOW	Dr. Asha Crasta, Shabana, A., Monis, R.S., Khan, S.A.A	International Journal of Mechanical and Production Engineering Research and Development	2019	0	MITE	0
Hall effects on hydro magnetic flow of a Jeffrey fluid in an asymmetric channel with peristalsis	Dr. Jyothi s, Gangavathi , M.V. Subbha Reddy	Journal of Adv. Research in Dynamical and control systems	2018	0	MITE	0
Effect of Injection Timing on the Utilization of B20 Blends of Dairy Scum Oil Methyl Esters (Dsome) Fuled Diesel Engine	Dr. C R Rajashekhar	European Journal of Sustainable Development Research	2018	0	MITE	0
"Investigating the Role of Fatty Acid Methyl Ester Composition on Engine Per	Dr. C R Rajashekhar	International Journal of Vehicle Structures Systems	2018	0	MITE	0

formance and Emission Characteristics”						
Studies on Effect of Graphene Nanoparticles Addition in Different Levels with Simarouba Biodiesel and Diesel Blends on Performance, Combustion and Emission Characteristics of CI Engine	Dr. C R Rajashekar	Arabian Journal for Science and Engineering	2018	0	MITE	2
“Application Potential of Fuzzy and Regression in Optimization of MRR and Surface Roughness during Machining of C45 Steel”.	Dr. M Lokesh	Periodica Polytechnica Mechanical Engineering	2019	0	MITE	0
Investigation of Machinability Characteristics on C45 Steel with Cryogenically Treated M2 HSS Tool using Statistical Technique	Dr. M Lokesh	International Journal for Simulation and Multidisciplinary Design Optimization	2019	0	MITE	0

“Investigation of Machinability Characteristics on C45 Steel Alloy while Turning with Untreated and Cryotreated M2 HSS Cutting Tools”	Dr. M Lokesha	ARNP Journal of Engineering and Applied Sciences	2019	0	MITE	0
“Investigating the Impact of Deep Cryogenic Treatment on Surface Roughness and Cutting Force in Turning C45 Steel”	Dr. M Lokesha	Elsevier Materials today: Proceedings, IConAMMA 2018	2018	0	MITE	0
Fabrication Methods, Recent Developments and Applications of CarbonCarbon Composites (CCC)A Review	Dr. Neelakantha V Londe	International Research Journal of Engineering and Technology (IRJET)	2018	0	MITE	0
Experimental analysis on effect of various fillers on mechanical properties of glass fiber reinforced polymer composites	Mr. Aveen	AIP Conference Proceedings 2017	2019	0	MITE	0
A	Dr.	Internat	2019	0	MITE	0

LITERATURE REVIEW ON PROCESSING AND TESTING OF MECHANICAL PROPERTIES OF HYBRID COMPOSITES USING GRAP HENE/EPOXY WITH ALUMINA	Divakara Shetty S	Journal of Mechanical Engineering and Technology (IJMET) Volume 10, Issue 04, April 2019, pp. 367-378, Article ID: IJMET_10_04_037				
A Video Face Recognition System with aid of Support Vector Machine and Particles Swam Optimization	Mr. Shreekumar T	JARDCS	2018	0	MITE	0
Face Pose and Illumination Normalization for Unconstrained Face Recognition from Direct Interview Videos	Mr. Shreekumar T	IJRTE	2019	0	MITE	0
Generation of maximum length nonbinary key sequence and its application for stream cipher based on residue number system	Dr. Ganesh Aithal	Journal of computational science elsevier journals	2018	0	MITE	4
Key generation	Dr. Ganesh	International	2018	0	MITE	1

and security analysis of text cryptography using cubic power of Pells equation	Aithal	Journal of Intelligent Computing				
A Survey on Key (s) and Keyless Image Encryption Techniques	Dr. Ganesh Aithal	Cybernetics and Information Technologies	2018	0	MITE	0
Generation of pseudo random number sequence from discrete oscillating samples of equally spaced objects and application for stream cipher system	Dr. Ganesh Aithal	Concurrency computing practice and experiments WILEY publication	2019	0	MITE	0
"Synthesis, Characterisation and Antimicrobial studies of 4, 6-Disubstituted phenyl (5-substituted phenyl 1, 3, 4-thiadiazol-2-yl) 1, 4, 5, 6-tetrahydropyrimidine-2-thiols"	Dayanand A P, Vineetha Telma D'souza	International Journal of ChemTech Research	2018	0	MITE	0
"Synthesis of Quinoline	VINEETHA TELMA D'SOUZA	Journal of Chemical and Pharma	2018	0	MITE	0

Containing Pyrazolone Derivatives and their Biological Studies"		ceutical Research				
Removal of Malachite green dye in aqueous solution by Custard apple peel powder	ASHWINI A KAMATH NANDINI R	International Journal of Applied Chemistry	2018	0	MITE	0
Corrosion Inhibition of Mild Steel by Capacitabine in Hydrochloric Acid Medium.	A M GURUPRASAD	Asian Journal of Chemistry	2018	0	MITE	0
Use of Seroquel as an Effective Corrosion Inhibitor for Low Carbon Steel in 1 M HCl	A M GURUPRASAD	Journal of Bio and TriboCorrosion	2018	0	MITE	0
Adsorption and inhibitive properties of seroquel drug for the corrosion of zinc in 0.1 M hydrochloric acid solution	A M GURUPRASAD	International Journal of Industrial Chemistry	2018	0	MITE	0
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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	Institutional affiliation as
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					excluding self citation	mentioned in the publication
Estimation of Stability Derivatives in Newtonian Limit for Oscillating Cone	Dr. Asha Crasta, Shabana, A., Monis, R.S., Khan, S.A.A	IOP Conference Series: Materials Science and Engineering	2018	1	0	MITE
Computation of Stability Derivatives of an oscillating cone for specific heat ratio 1.66	Dr. Asha Crasta, Shabana, A., Monis, R.S., Khan, S.A.A	IOP Conference Series: Materials Science and Engineering	2018	1	0	MITE
The computation of stiffness derivative for an ogive in the hypersonic flow	Dr. Asha Crasta, Shabana, A., Monis, R.S., Khan, S.A.A	International Journal of Mechanical and Production Engineering Research and Development	2018	1	1	MITE
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Resource persons	2	4	0	7
Attended/Seminars/Workshops	7	32	19	13
Presented papers	19	13	0	3
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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
Visit to Chethana Special School	Chethana Special School	3	80
Visit to Vijetha	Vijetha Special	3	80

Special School	School		
Environmental Awareness Programme	MITE, MOOBDIDRI	10	210
Road Safety and Accident Awareness Programme	MITE, MOOBDIDRI	20	250
Fire Fighting Demonstrations	MITE, MOOBDIDRI, GROUND	10	300
Inauguration of MITE Youth Red cross and International youth day	Red Cross	2	50
Flood Relief Collection	Red Cross	9	52
Yoga Classes	Red Cross	1	30
Health Checkup Camp	Red Cross	7	15
Mega Blood Donation Camp	Red Cross	9	377
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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
No file uploaded.			

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 activities	Number of students participated in such activities
SWACHH BHARAT SUMMER INTERNSHIP PROGRAM	Ministry of Human Resource Development (MHRD).	AWARENESS CAMPAIGN	1	8
No file uploaded.				

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
IES 2019 Faculty Exchange	Dr. Ganesh Mogaveer	MITE	3
No file uploaded.			

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	Name of the	Duration From	Duration To	Participant
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	linkage	partnering institution/ industry /research lab with contact details			
Internship Training	IndustryInstitute Linkage	BAIL, Bangalore	05/01/2018	20/01/2018	Manish C Poojari Wilson N U Vishnu Chandroth Jasmin Momin JenitaFloraC uthina S Chandini Pratheeksha P Sheril Rachel A Sridevi M Bhat Rakshita R Nayak Pratheeksha M P Feroz Samitha Shetty
Internship Training	IndustryInstitute Linkage	Jet Aerospace, Palakkad	09/07/2018	07/08/2018	Adithya R Abhishek L N Jasmin Momin Hansel Fernandes Naveen S Y Shreeraksha V R Rashmi G Raiker Ambareesh Priyanka Lokesh
Internship Training	IndustryInstitute Linkage	COE Aerospace and Defence Bangalore	09/07/2018	06/08/2018	Rashmi G Raikar Prajwal A.C Rakshith Ramesh Bheema shankara s m Rahul Varun K L Mallikarjun Gowda S Patil Akash M Hansel Hansi F Naveen S Y Vivek U Megha D M Shwetha S Saraswathi

					Pruthvi M Prathiksha M P Prathiksha P S Chandini Tulasimani Kavita Manj
Internship Training	PACE (Program for Academic Connect and Engagement).	KPIT Technologies Ltd, SEZ Unit, Plot17, Rajiv Gandhi Infotech Park, MIDCSEZ, PhaseIII, Hinjawadi, Pune - 411057	21/01/2019	30/04/2019	Darrel Reesha Pinto Nagraj Atreya Chiplunkar Fida Shirin
No file uploaded.					

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
UiPath	03/05/2019	Skill Development on RPA, FDP, Providing RPA Software and course content to ramp up student skills on RPA	2
Kumamoto University	20/09/2018	Students Exchange, Faculty Exchange	2
No file uploaded.			

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
500	544.93
376.5	344.61
1000	1121.03
1500	1548.28
1000	1094.29

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Seminar halls with ICT facilities	Newly Added

Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Video Centre	Newly Added
Classrooms with Wi-Fi OR LAN	Existing
No file uploaded.	

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
Easylib 4.2	Fully	4.2	2013

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	4723	7446638	149	14910	4872	7461548
No file uploaded.						

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
Mr. Taranath HB	Verilog HDL	LMS	20/08/2018
No file uploaded.			

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	747	29	104	3	29	1	17	104	0
Added	162	4	0	1	4	0	0	0	0
Total	909	33	104	4	33	1	17	104	0

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

90 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
Innovation Center	http://www.mite.ac.in/ae-subject-ppts-

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
400	391.77	35	25.99

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 college shows ardent interest in enhancing the ambiance through proper maintenance. The maintenance of the institution including landscaping and other allied works is looked after by a dedicated person with the help of electricians, plumbers and other workers. Any civil maintenance work is outsourced. Lab technicians under the supervision of lab incharge take care of maintenance of equipment Maintenance is subdivided into: • Electrical Maintenance • IT Maintenance • Building Maintenance • Equipment Servicing Details of Maintenance Process at MITE Infrastructure Maintenance Description Class Rooms The general cleaning is done under the purview of the maintenance department, technical maintenance through technicians under the incharge of Class advisors Seminar Halls Tutorial Halls Laboratories and equipment's Lab Technicians maintain the log book of the equipment and prepare preventive maintenance schedules, carry out regular maintenance and faculty incharge oversees. On call external servicing for repair or breakdown is carried out on need basis Computers Technician does the maintenance of systems and software under the purview of the faculty incharge under the purview of the System Administrator Major repairs by external service providers Internet /Intranet Maintained by the System Administrator and programmers. The daily band width, usage, bandwidth allocation, sharing etc. are maintained Main Library All the books are accessioned accordingly by the serial number of accession register and classified department wise and shelved in the racks. EasyLib software for tracking the details Ambiance and Landscaping MITE has 74 Acres of land out of which 40 is the green landscaping with recycled water for maintenance is used. Overall greenery maintained by supervisor, a gardener and other workers

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
No Data Entered/Not Applicable !!!		
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 implementation	Number of students enrolled	Agencies involved
No Data Entered/Not Applicable !!!			
View File			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	Career Guidance	23	625	1	434
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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
3	3	25

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
No Data Entered/Not Applicable !!!					
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
No Data Entered/Not Applicable !!!					
View File					

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

Items	Number of students selected/ qualifying
NET	0
SET	0
SLET	0
GATE	2
GMAT	0
CAT	0
GRE	0
TOFEL	0
Civil Services	0
Any Other	1

[View File](#)

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

Activity	Level	Number of Participants
SentiaState level intercollegiate culturel and technical fest	STATE	1380
Annual Sports Day	Intra College	1090
No file uploaded.		

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
2019	VTU Netball Team Captain	National	1	0	4MT17MBA41	Prafulla
No file uploaded.						

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

Yes the institution has an active body of students that functions in planning and carrying out various activities of the college. There is a formally elected Student Council. Every class has Class Committee in which students are the members. The students represent their views in subjects, syllabus and other related issues and problems. NSS, NCC, ISTE, IEEE Students Chapters have students representations and organize various programs like paper presentations, symposiums, workshops, seminars every year. The funding will be provided by the college to organize the activities. The Institution also creates a platform for the involvement of the students in various academic, administrative and other activities. This empowers students to gain qualities of leadership and governance. Class Committee: The Class Committee is formed by every department where students of each year are members in the committee. It organizes Class Committee meeting thrice in a semester to discuss the syllabus coverage, difficulties in the subjects, any other issues or problems of the students. ISTE Student Chapter, IEEE Student branch: Students are the members of this chapter. Under this, academic activities like symposiums, workshops/seminars, paper presentation competitions, quiz, project Competitions are conducted. Department Association: It organizes programs regularly to enhance the skills of the students. Students are the office bearers of department associations. Under these, academic activities like symposiums, workshops/seminars, paper presentation competitions, quiz, project Competitions are conducted. Academic and administrative bodies that have student representatives on them are Class Committees, Sports Committee, Training Placement Cell, Grievance and redressed cell, women empowerment cell, antiragging committee, Sexual Harassment Elimination Cell, Cultural committee

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

690

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

1200000

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)

MITE has a visionary Leadership, a dynamic, able and participative management which believes in decentralized structure for better human resource participation and utilization. At every level independence is promoted without undermining the common good of the organization. The college functions under the purview of the Governing Council(GC) formed in line with the stipulated regulations of the statutory bodies. The GC has representatives from Management, University, renowned academicians and industrialists in addition to faculty representatives. The GC encompasses perspective plan for the institution with the vision to meet the need of every stakeholder. The GC approves the budget, reviews the progress and overall functioning of the institution. The principal organizes monitors and evaluates the functioning of the institution as well as the implementation of the policies of the organization. The principal endorses participation of the Deans of various sections and heads of respective departments in the decisionmaking process. The body comprising of the Principal, Deans and HOD's takes collective responsibility in enhancing the teaching learning process and grooming personals to be leaders. Independent deans are appointed for Academics, Examination, Research, Training and Placement. The Deans and Heads aid the Principal in administration. Academic Dean oversees the overall teachinglearning processes with the aid of HOD's. Dean Examination is at the helm for framing the examination system, rules and regulations for the conduction of internal examinations, and also smooth conduction of VTU external examination, and allotment of duties to faculty members. Dean research promotes research activities in the institution, guides and supports the faculty and students in their research works and assists them in applying for funding from various agencies. The Dean Placements Training is engaged in training students and support them in placements. Figure 6.1.1 Leadership at various levels The Head of respective department plans executes and evaluates the curricular and extracurricular activities in line with that of the institute's calendar of events. The HOD monitors the implementation of the teachinglearning processes and other activities at regular interval. The functioning of the department is enhanced by the committees that aid the HOD's. Faculty members head various committees: Department Academic Board, Class Advisors, Lab Incharges, Association Incharges, Placement Coordinators, Project Coordinators, Disciplinary committee, Timetable coordinators, Project and Seminar Coordinators. In addition to the teaching, the faculty is involved in counseling and mentoring and also aids the Head in various accreditation processes. Faculty also plan and coordinate industrial visits, workshops, and seminars. Faculty is also involved in organizing institute level events that would necessitate them to coordinate with different departments, institutes, universities, industry and so on. Along with improving the manpower utilization

it also augments leadership among faculty.

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	In the last academic year, understanding the industry need for automation technologies, the institution has entered into MoU with UiPath Technologies, a global automation Company. Through the MoU faculty and students from MITE would be trained in Robotic Process Automation.

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

E-governance area	Details
Administration	The institution has developed an Enterprise Resource Planning software to aid in administration. With the software the institution head, HoDs, Deans and faculty can track any wards performance at any time. Also the software enables parents to track their wards performance and also interact with mentors and faculty.

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
2019	Dr. Ganesh Mogaveer	Spring Internship Programme	Kumamoto University Japan	50000
No file uploaded.				

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)
2019	Awareness to Embedded	Awareness to Embedded	14/02/2019	15/02/2019	4	4

Controller Laboratory	Controller Laboratory			
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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
0	18	0	6

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Group Insurance	Group Insurance	Scholarships

6.4 – Financial Management and Resource Mobilization

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

The internal and external audit of the financial expenditures exists in the institution. The institution has Chartered Accountant as internal and external auditors who audit the accounts of the college once in a year. After the audit, the report is sent to the management for the review. The last audit was conducted on 12th August 2016. No major objections were raised during the audit. The institution is ISO 9001:2008 certified, the administration process is reviewed and audited by internal and external ISO auditors.

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	NA
No file uploaded.		

6.4.3 – Total corpus fund generated

80515408

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 and NAAC. Four Departments are also accredited by National	Yes	IQAC

		Board of Accreditation		
Administrative	Yes	ISO	Yes	IQAC

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

The institution conducts minimum of Two Parents Teachers meeting every semester. The wards progress and attendance status are sent on regular basis via SMS. Mentors of students interact with parents and invite them for meeting on need basis.

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

The support staff are trained by domain expert faculty from individual departments during the Semester End vacation.

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

1. To improve Industry Global Connect: The institution has further improved the connect with MoU with UiPath in addition to the 5 MoU that are functional. Also, MITE entered into MoU with Kumamoto University, Japan for academic collaborations. Apart from this, MITE has 3 MoUs with international universities. 2. To nurture entrepreneurship: With grant of 1.2 Crores from Govt. of Karnataka and INR 65 Lakhs from Govt. of India, MITE has established an Incubation Center which has 10 Entrepreneurial ventures functional. 3. Establishment of State of the art Innovation Center: The Innovation Center is established at a cost of INR 1.75 Crores with the support of Alumni. This center enables students and Faculty from MITE to connect with industry and professors from around the globe through video conferencing and two way effective communication that are supported with high speed connectivity.

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	NBA Accreditation	22/01/2019	01/08/2019	31/12/2019	756
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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
Awareness talk on sexual harassment	09/10/2018	09/10/2018	48	52

Women Entrepreneurship Summit 2018	23/11/2018	23/11/2018	95	102
Exam on Legal rights of Women	20/12/2018	20/12/2018	91	5
Self defense for women	20/02/2019	20/02/2019	35	2
Women's day celebrations	08/03/2019	08/03/2019	48	2

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
10

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	0
Provision for lift	Yes	2500
Ramp/Rails	Yes	25
Braille Software/facilities	Yes	0
Rest Rooms	Yes	2800
Scribes for examination	Yes	0

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
2018	1	0	06/08/2018	1	Bus Facility	Connectivity	45
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)
MITE Calendar Rules and Regulations	06/08/2018	The Calendare has rules and regulations, the code of conduc, professional ethics and calender of Events. It is given to all the stake holders.
MITE Calendar Rules and Regulations	05/08/2019	The Calendare has rules and regulations, the code of conduc, professional ethics and calender of Events. It is given to all the stake holders.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Orientation programme	06/08/2018	21/08/2018	659
Talk on Ethics in workplace	02/04/2019	04/04/2019	183
No file uploaded.			

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

1. Students are not allowed to bring Two/Four Wheelr vehicles to campus.
2. To reduce carbon footprint 18 Buses are introduced which ply to various places of the district
3. The lights in the campus are being switched to LEDs.
4. The hot water facility for the 7 hostel blocks are completely powered by Solar Heaters.
5. The Campus has 3 Sewage treatment plants of 100 KLD Capacity each which outputs RO purified water which is used for gardening.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best practice 1: Employability Skills Development Program (ESDP) The objective of ESDP is to make a student 'Industry Ready' and bridge the gap between classroom teaching and Industry needs, and also to provide ample scope in Personality Development and Life Skills. ESDP regularly conducts programs exposing the students to various requirements of the 'interview preparedness'. Various modules covered under the program are English language skills, Business communication skills, problem solving skills, and soft skills. This includes sessions on selfawareness, selfmotivation, interpersonal and intrapersonal skills, group discussions, debates, facing interviews, etiquettes, etc. An inhouse expert team along with regularly visiting external experts imparts the training to the students.

Best practice 2: Use of Academic record to enhance teaching quality. Objective of this practice is to bring in discipline and structure in teaching methodology thereby enhancing the overall quality of teachinglearning experience. MITE has designed a strategic Academic Record and a Teachers diary where all the teachinglearning processes and other activities are recorded. The teacher's diary accounts for all the day to day activities in which the faculty member takes part in: Curriculum, cocurricular, extracurricular and administrative responsibilities. The faculty maintains a record of the classes engaged and all other activities including leaves whenever availed. The Academic record primarily is dedicated to the curriculum, its planning, scrutiny, delivery, internal assessments, results, attendance, etc. Every semester a new academic record is maintained by the faculty which has the faculty member's individual timetable, details of the subject being handled and other basic details. The faculty also documents the Vision, Mission, Program Outcomes (PO's) and Program Specific Outcomes (PSO's) of the department. At the beginning of the semester, based on the course allotted and the Calendar of Events, the faculty prepares a detailed course plan (number of sessions to be handled, internal tests, revision and so). The faculty also records the prerequisite for the course and redefines the Course Outcomes (CO's) in line with that defined by the university. The record has stipulated formats to map the CO's with that of the PO's and PSO's. The textbooks and reference books detail are also maintained. The course coverage on daily basis are recorded in the prepared Course plan which is reviewed by the HOD on regular basis, any discrepancy if observed is noted and explanation is sought and corrective measures are suggested. Also the question papers prepared as per Blooms' levels for each internal along with the scheme is maintained in the academic record along with the key sheets. The CO's of each question is also

mapped. The performance of each student under each CO in internals is also maintained with the help of software assistance.

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

<http://mite.ac.in/naac>

7.3 – Institutional Distinctiveness

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

Flowing from Vision and Mission statements, the institute has chosen its policies and objectives which has led to a roadmap of growing through linkages with the industry/institutes. MITE has developed the following collaborative linkages with industry/institutes of global repute: A. Industry TieUps: 1. Karnataka's first 'SIEMENS Centre of Excellence' (COC) In Digital Design, Validation and Digital Manufacturing 2. MITE Bosch Rexroth Centre of Competence in Automation Technologies (CoC) 3. Infosys Campus Connect Advance Partner 4. MOU with Carl Zeiss India. 5. MoU with UiPath B. Global Institute TieUps: 1. MOA with Binghamton University, New York, USA. 2. Collaboration with MDIS Singapore 3. Collaboration with ITE West Singapore 4. MoU with Kumamoto University, Japan Evidence of success: 1. Siemens centre of excellence is running successfully at MITE. The software grant of US \$79 million has been provided by Siemens PLM Software's academic program 2. As part of Bosch Rexroth program, ten faculty members from the institute were trained in the Bosch Rexroth CoC in Mysore for a month on various modern technologies like Hydraulics, Pneumatics, Mechatronics, Robotics and Programmable Logic Controllers. Further, two of them were provided advanced training in the Bosch center at Germany, Wurzberg for one week. Further, Bosch Rexroth offers certification courses to students through the CoC set at MITE. 3. MITE is officially partnered with Infosys since 2009 to offer various programs of Campus Connect initiative. MITE is now recognized as 'Advanced Partner Institute'. Also Infosys has recognized the institute as Outstanding College of the Year 2015 for the rollout of Soft Skills program to the students. 4. An MOU is signed recently with Carl Zeiss India for training and our students with their software and faculty which will start very soon. This will eventually turn into a centre of excellence. 5. As regards to MOA with Binghamton University New York, 2 levels of 6 sigma programs have been already conducted at MITE. One research scholar is already working at Binghamton as part of this MOA. A few students have applied to the University to pursue their MS programs. Mutual visits have taken place between the institutes. 6. As regards MDIS Singapore one senior faculty from MDIS has been visiting our campus and has been taking one course per year regularly. Apart from that students from MITE have visited MDIS and undertaken a course there. 7. As per the MoU, Students from ITEWest visits MITE Campus every year for Two weeks and undergoes one academic credit Course. The electronics stream students undergo a course on Microcontrollers Bosch certified PLC course. Similarly, the Computer Science stream students undergo the WebTechnologies Development course. 8. With the MoU with UiPath, faculty and students are trained on Robotic Process Automation. 9. The MoU with Kumamoto University is for academic and research collaborations.

Provide the weblink of the institution

<http://mite.ac.in/>

8.Future Plans of Actions for Next Academic Year

1. Four Undergraduate Departments are accredited by NBA and three other departments are preparing for the accreditation. 2. MITE has been consistently getting good results. The institution further aims at improving the results to

obtain the best. 3. The institution looks at increasing the collaborations with premier Academic institutions and Industries. 4. MITE also looks forward to be a launch pad for young entrepreneurship by mentoring and providing necessary support through the Incubation Center. 5. MITE aims at improving the number of research grants from various agencies. 6. The institution has initiated various measures to improve research amongst faculty members and hence improve quality publications. 7. The IPR Cell of MITE is initiating quality improvement programs to promote IP and patents. 8. The Institution through extensive training from the ESDP Cell, industry and global connect aims at improving the placements further.