Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**ALAMURI RATNAMALA INSTITUTE OF ENGINEERING AND TECHNOLOGY**
Name of the head of the Institution	**Lavendra Surajmalji Bothra**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**022-40244310**
Mobile no.	**9769552333**
Registered Email	**lsb@armiet.com**
Alternate Email	**avg@armiet.com**
Address	**A.S.Rao Nagar, Vill:Sapgaon**
City/Town	**Shahapur**
State/UT	**Maharashtra**
Pincode	**421601**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Abhiram Singhania**
Phone no/Alternate Phone no.	**919930515190**
Mobile no.	**7770938352**
Registered Email	**abhiramsinghania14@gmail.com**
Alternate Email	**abhiram.singhania@armiet.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://armiet.in/wp-content/uploads/2021/01/2018-19-aqar_report.pdf

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://armiet.in/academic-calendar/

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B+**	**2.60**	**2018**	**02-Nov-2017**	**01-Nov-2023**

6. Date of Establishment of IQAC

6. Date of Establishment of IQAC	**12-Jan-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
Student Development Programs	**01-Jun-2019** **10**	**1179**

ADP for Non-Teaching	03-Mar-2020 1	15
FDP for Teaching	12-Aug-2019 1	53
No Files Uploaded !!!		

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
Institutionm	NA	UGC	2019 0	0
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	**2**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

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

1. Feedback System Implemented 2. MOUs Done 3. FDP and ADP conducted 4. Mentoring System Implemented 5. Mechanism for Slow and Advanced Learners Implemented

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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
VAPs	Conducted
Feedback	Collected

Collaborative Initiatives	Conducted
MOUs	Done
No Files Uploaded !!!	

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	15-Apr-2019
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)	ERP: PHASE 1: Admissions, fees : This Module is already developed and implemented for ARMIET All four Institutes including New Admissions as well as Pipeline students. In real time Institute can work on this module. Staff Attendance: This module is integrated in ERP result is depends on the availability of infrastructure in institute premises. Student Lifecycle : For this module Student new admission to Leaving certificate all process is in the System But, until date Admission, Student Applications Process (Fee Structure, Bonafied, Railway Concession etc.), Exam Form Online application and exam fees payment, Online Hall ticket Print has been online and successfully worked. Hall Ticket Print : This section get available to student after HOD Approved NOC. Communication Management : This Module is currently in use for Notices And Announcement on Student Portal and SMS Alert System. Front End portal for stake holders: This Front end portal has been created for each Student And Employee in the institute. Employee Portal Current usability : Employee used to see own attendance for today, current month and previous month. Employee can apply leave and approve

leave from there portal as per HR policies as well as see the leave balance. HOD can see Student Eligibility List with current admission status and they can send the SMS alert to their respective Department Students only. Student Portal Current Usability : Student Can see attendance in there portal. Student have facility to apply for fee structure, Bonafide, railway concession application, Bus Pass through there own portal. ATKT and Regular Exam Form Application and Online fees payment is currently available for Engg students. Student can download there all Exam hall ticket from there portal after HOD NOC approval. Student promotional admission process is happened through Student Portal , Form fees online payment. PHASE 2 Library : The Student Database Books Database is inserted into the KOHA Library system. Student Attendance : Student attendance is currently lived in College premises as well as MMS class with the student bio metric registration. Student Lecture wise attendance is developed and implemented in ERP. PHASE 3 Exam management: In Exam Management Student Online Application For Regular as well as ATKT Student Has been implemented and Used by Student For the Exams. ATKT Exam Online fees payment also implemented successfully. Student Exam Form submission, verification and Seat No. allocation done from the ERP System Successfully. Hall Ticket Download and print option is also done student can able to download hall ticket from there portal. Document Management : All student Document has been Scanned until the academic year 20182019 And uploaded on college Local server Due to some infrastructure challenges not displayed on Student Portal. But we are working on it and get resolved. Core Academics : In core academics The Student general register is implemented. Scholarship, Free ship, Minority and EBC Scholaship is captured in the ERP system And various Reporting system of Core academics is in implementation process.

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

At the beginning of each Academic year the University of Mumbai gives an Academic calendar with the guideline about the date of commencement of each semester, End of Semester Examination, Oral/Practical Examination, etc. Accordingly in meeting of Principal and respective HOD; the Institute Academic Calendar is prepared and then distributed to the departments. 2.HOD of respective department conducts the meetings with all the faculty members so as to discuss the teaching load distribution, academic calendar, time table, course files preparation, resource requirements, planning of industrial visits, expert/ guest lectures, extracurricular and co-curricular activities. Laboratory manuals are prepared so that students can refer practicals and correlate with theory. 3.Allocation of different subjects to the faculty members are completed by respective HOD considering the qualification of individuals, specialization, experience, interest, and their willingness. 4.Teachers are encouraged to impart the knowledge as per curriculum by using innovative ideas and different teaching methods such as assignments, discussions, workshops, seminars, industrial visits, apart from traditional chalk -board and advanced teaching methods along with ICT technical methodology. 5.The academic schedule is strictly followed and reviewed by IQAC periodically as per university schedule and our academic calendar. 6.All the faculty prepare detailed course files for the subject delivery which includes syllabus, subject notes, PPT slides, videos, animation, question banks, model answers. 7.The progress of syllabus coverage and students' attendance is monitored periodically by the HOD and Principal. It is ensured that 40% of the syllabus is completed before Unit test I and 80% of the syllabus is completed before Unit test II. 8.In supplement to the prescribed curriculum, students are exposed to the latest developments and trends in the respective fields by arranging guest lecturers, expert lectures by experts from industry and industrial/field visits are organized. Periodical feedback is obtained from the students on aspects of teaching-learning process. 9.Class teachers meetings are held by the Heads of the department to review the teaching-learning process, academic progress of the students, grievances (if any), and suitable remedial measures are taken accordingly. Mentors are assigned for a group of minimum 10 students who takes care of the difficulties of the students to improve academic performance.

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
Value Added Programs	NA	01/06/2019	10	Yes	Yes

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nill	NA	01/06/2019
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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
Nill	NA	01/06/2019

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

	Certificate	Diploma Course
Number of Students	1179	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
Value Added Programs for All Dept.	01/06/2019	1179

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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	Final Year	312
MMS	NA	70
ME	NA	22

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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

1. The development of any institution heavily depends upon a well functioning feedback system. It requires a thorough preparation to initiate, launch and implement the feedback system. ARMIET has been practicing a feedback system accommodating all the stake holders including staff, students, alumni, employers and parents, to help the individuals and organization as a whole, to improve the performance and effectiveness. Feedback is collected at departmental and institutional level in which the views on the curriculum, teaching schedules, teaching tools, and student assessment outcomes are discussed for taking improvement measures. 2. STUDENT: The student?s feedback on the staff finds a place in the performance appraisal scoring system (PASS) of the individual faculty member and the same is evaluated for the sanction of increments and additional increments. The feedback from the students is obtained at the end of the chapter/ term and overall department at the end of the year. When the feedback of a faculty is not encouraging, a structured "Performance Improvement Plan" is there in the institution with the help of which the concerned faculty is counseled by the Head of the Department to

improve their performance. 3. FACULTY: The institution has made it a practice to conduct all faculty feedback, periodically, where the ways and means of enhancing the curriculum, academic discipline, Teaching Learning process, Research and Extension activities are debated and discussed. The appropriate suggestions are put forward to the respective departments for implementation. 4. ALUMNI: As the alumni is found to be the brand ambassador(s) of our institutions, the feedback of the alumni is taken with due considerations. Our institution enjoys a strong and healthy association with the Alumni. A formal exit feedback is conducted by the Alumni association regularly at the end of completion of program at the institution. The consolidated feedback report is forwarded to the Principal for taking cue of the positive performances and scope for improvement. 5. PARENTS: As an important stake holder of this system, the parent feedback is also obtained and analyzed. Some of the parameters accommodated in the parents feedback, include quality of teaching, students discipline, sports facilities, lab facilities, examination system, student activities such as transport, library, internet facilities, Wi-Fi etc. 6. FEEDBACK ON STUDENTS: The undergraduate and postgraduate students are evaluated through regular class tests, periodical assessment test, model examination and by conducting seminars and extempore lectures. All internal examinations are conducted similar to the university pattern of questioning and environment which enhances the students? adaptation and the model examination at the end of the year is a rehearsal for the final examination. All the internal examination marks are analyzed by the subject and course in charge and the students are graded according to the marks obtained. The student difficulties are received discussed and structured remedial classes are conducted in order to help the student to progress. All the students are counseled by their respective mentors along with subject teachers.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
No Data Entered/Not Applicable !!!				
View File				

2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	Nill	Nill	Nill	Nill	Nill

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
53	53	5	30	5	10

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

Another very unique feature of ARMIET is the mentor system which was introduced more than a decade ago. In this system each teacher is assigned a small group of student wards. The interactions between them help the mentors to have a comprehensive record of their activities, academic co-curricular achievements and problems. It also help the mentors to give a descriptive certificate at the end of the course. The practice of the mentor system was started, recognizing the need for the present day college students to have a friend, counsellor and confidante on the campus. The practice is aimed at fostering a better rapport between the students and the faculty at a personal level. The faculty collects personal information from her ward. The teacher takes care not to touch sensitive issues and does not force any information out of her wards. The teacher meets her wards informally outside class hours. Students are guided regarding their career options.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1179	53	1:22

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
53	53	0	0	4

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
2019	NA	Assistant Professor	NA
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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 !!!				
View File				

2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

ARMIET follows the following internal assessment process, which is transparent and robust: The students are informed of the evaluation system by respective subject faculty in the first period of lecture itself . ARMIET follow Mumbai University pattern for internal assessment for conduct and evaluation purpose. ARMIET conducts the semester -end examinations for 3,4,5,6th semesters only, whereas for balance 1,2,7,8 semesters, the University conducts with the invigilation assistance from ARMIET. However, Unit tests for all semesters are conducted by the Institute only . For transparent evaluation of internal

assessment, we have well-designed examination cell consisting university approved and experienced faculty, laboratories and workshops etc. This evaluation is carried out in three parts viz, theory, oral, and practical (laboratory/workshop). Unit Tests are planned according to the academic calendar. After completion of 40 of syllabus, first test is conducted and after completion of 70 of the syllabus, the second test is conducted. At the end of unit test, the model answer sheet is shared to the students through WhatsApp within an hour. This will enable them in evaluating their performance. The students are asked to compare their marks with evaluated sheet. After satisfaction, it is compulsory for the student to sign the paper, which, helps them in getting insights how their papers are evaluated without bias. The oral examination is conducted based on 5 question concept, in which, every student is asked to reply for different 5 questions. and marks are awarded in presence of them immediately in a transparent way .Practicals and term

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

In ARMIET conduct of examination, declaration of results, verification of answer sheets ,recounting , re-checking etc., are all time-bound, transparent, and most effectively handled. All exams are conducted under CCTV surveillance with the local police protection. Based on the guide lines of Mumbai University, the Institute has designed a full-fledged mechanism for redressal of examination related grievances of students with reference to evaluation of examination papers and other issues. A separate Student help desk is constituted within the exam section of the Institute for this purpose After the approval of the University, the results of 3rd ,4th , 5th , 6th semesters are declared within 15 to 30 days, whereas, as per University 45 days. The Institute's results are announced in the very first instance of University results as compared to other Institutes/Colleges of the Zone. Our Institute takes pride to state that result sheets gets approved in the first meeting of the University Moderation Committee itself. Students are permitted to raise their grievances after declaration of results by submitting an application form to the Principal of the Institute through their respective HOD within 7 days of announcement of the results. The grievances at college level are resolved within seven days of raising the grievance. The Institute has self-defined practice of masking and coding the answer sheets to have transparency.

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://armiet.in/computer-engineering/#1580460117582-65ceab66-5b26

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
No Data Entered/Not Applicable !!!					

View File

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://armiet.in/student-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)	0	NA	0	0
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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
Intellectual Property Rights in India: Patents, Trademarks and Copyrights	Institute	08/06/2020

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
NA	NA	NA	01/06/2019	NA
No file uploaded.				

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
NA	NA	NA	NA	NA	01/06/2019
No file uploaded.					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	12	23

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

Name of the Department	Number of PhD's Awarded
Institute	0

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)
National	Institute	12	4
International	Institute	23	6
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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
Institute	6

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
NA	NA	NA	2019	0	NA	0

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
NA	NA	NA	2019	0	0	NA

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	12	78	2	0
Presented papers	23	12	0	0
Resource persons	0	2	3	6

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
NSS and Extension Activity	NSS and Extension Activity Cell	53	1179

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
NSS and Extension Activity	Appreciation Letters	GOs and NGOs	1179

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	Name of the activity	Number of teachers participated in such	Number of students participated in such

	agency			activites	activites
NSS and Extension Activity Cell	GOs and NGOs		NSS and Extension Activity	53	1179

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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
Research, faculty exchange, student exchange	1232	Institute	10

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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
Internship, on-the- job training, project work, sharing of research facilities	MOUs	GOs and NGOs	01/06/2019	31/05/2020	1232

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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
GOs and NGOs	01/06/2019	Internship, on- the- job training, project work, sharing of research facilities	1232

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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
20	18.02

4.1.2 – Details of augmentation in infrastructure facilities during the year	
Facilities	Existing or Newly Added
Campus Area	Nill
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with Wi-Fi OR LAN	Existing
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4.2 – Library as a Learning Resource

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

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

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Others(specify)	0	0	0	0	0	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
53	MOODLE	MOODLE	01/06/2019
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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	671	13	50	1	1	1	6	50	0
Added	0	0	0	0	0	0	0	0	0

Total	671	13	50	1	1	1	6	50	0

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

64 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
Lecture capturing system through SMARTBOARD	https://www.youtube.com/watch?v=Ffc0IDVevNs

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
560	**523.3**	**250**	**199.93**

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)

Maintenance and utilization of the Infrastructure Facilities: The maintenance and upkeep of the infrastructure facilities are carried out with the support of the heads of the particular infrastructure department. The following is the organizational chart of the departments. Civil Maintenance: The civil maintenance is headed by the Teaching Faculty. He is in charge of four divisions, water and sewage, building, carpentry and Gardening. Each division is headed by a supervisor and is employed by respective skill workers. Laboratory Equipment: The equipment and machineries in the laboratory/workshop are maintained by the lab In-charge(s)/workshop In-Charge(s) with the advice of HOD and principal Computers, Software's UPS: The computers are maintained in the Institution by "IT Infra staff". This IT Infra team provides the integrated IT services like smooth running of automation, up-gradation and maintenance of automation package, college website, biometric services, troubleshooting of hardware, networking equipments including internet connectivity, procurement of hardware, software. Vehicles: Transport There are four buses, 1 van one Ambulance. The buses are plying covering all the routes for the use of staff and students.The Emergency Van (Ambulance) is available in the college 247 hours for students and faculty at the time of emergency. Electrical Maintenance: The electrical maintenance section is headed by the HOD/EE. A senior professor in the electrical department is supported by an electrical maintenance of the campus with the support of Electrical Engineer, Supervisor and Electricians. Library : The library is headed by librarian and he is the premises superior for both U.G. and P.G. library. He is supported by the assistant librarian, supporting staff for Journal and Reference sections. In addition to the above staff, junior safety Assistants, and attenders will help the students for searching and lending of the books in the library.

http://armiet.in/library/

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	NA	0	0
Financial Support from Other Sources			
a) National	GOI	897	37657318
b)International	0	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
oft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring	01/06/2019	1179	Inhouse teachers and outside experts
No file uploaded.			

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
2019	Guidance for competitive examinations and career counselling	426	426	10	209
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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

| 26 | 426 | 209 | Nill | 0 | 0 |

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	5	B.Tech	Institute	Other PG College	M.Tech and M.B.A

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

Items	Number of students selected/ qualifying
GATE	1
Any Other	9

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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
Annual Sports and Cultural Day	Institute	1179

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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
2019	NA	National	Nill	Nill	Nill	NA

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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 association consisting of student members. The student members of the association is elected through democratic process of election in which student cast their vote to candidates of their choice. The constitution of the student association comprises Chairman , Vice Chairmen , Secretary, Joint Secretary, Treasurer and student council members. The association is monitored by senior faculty members who are responsible for the smooth conduct of the association meetings and events. The student association plays a dominant role in many activities related to fine arts, sports and other co-curricular activities of the department and the students. Various co-curricular activities organized by the association include Special Lectures by experts, Seminars, Workshops, Symposium, National Level Conference and Intercollegiate meet to develop the personality and skills of the student's ability. Eminent speakers and industrialist deliver speeches on topics relevant to current educational scenario. Student members of the associations also observe important days like National Festivals, Birth/Death Anniversaries of important leaders, International Women's Day, International Yoga Day, Sports

Day, Non-violence Day, Teachers Day, Freshers Day, Farewell Party, World Literacy Day, World AIDS Day etc. They also organizes cultural festivals under our institutes unique program Matru Devo Bhava, Inter-collegiate Meet Tech-Fiesta, Students from each department participate in class committee meeting and faculty feedback will be given. Student members are actively participated in all other activities.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

1. The purpose of this SOP is to standardize roles and responsibilities for the ARMIET Alumni Meet and . Detailed lists of roles and responsibilities will be included in annexes as appropriate. 2. The ARMIET serves to further the interest of the department in a variety of ways. Some of the alumni meet specific roles include: a. Advise and assist the Department on all matters relating to alumni relations. b. Assist in the preservation of the history of the program. c. Form Alumni Coordinator Team d. Decide Venue and Agenda of Alumni Meet e. Prepared Invitation Letter and Google Registration form f. Administer and solicit nominations for the ARMIET Hall of Fame. 3. The Department of Training and Placement recognizes the significant past and present contributions of the Alumni meet and the unique value of a Council Staff who stand ready to provide advice and assist in keeping the program viable and relevant. 4. Alumina registration and welcome at respective counter on the day of meet 5. Alumina Share their thought and experiences. 6. Dignitaries Speech 7. Vote of thanks 8. Refreshment to Alumni 9. This SOP will be reviewed annually at the Council Staff. 10. Submit recommendations for changes to the Council at any time.

5.4.2 – No. of enrolled Alumni:

331

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

165500

5.4.4 – Meetings/activities organized by Alumni Association :

01

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

The Institute practices follows decentralization of the work amongst students through student councils and staff through various committees/cells and allow their participation in managing the affairs of the Institute completely, which are transparent and handled independently. These councils / committees shall meet periodically and work under the guidance of the Principal . Besides, the mobile number, email id of the Principal is given to all the students on the first day of joining the Institute. Thus they have direct access to the Principal, to inform any of their difficulties during their stay at the Institute for the entire academic duration of the course. In addition to it, the Chairman along with Principal goes to class rooms to discuss with the student groups in closed rooms to take stock the first hand information of the problems, if any, they are facing. A review meeting along with all the faculty is held once in every week by the Chairman in the presence of Principal and all other Teaching / Non-Teaching staff members to take remedial actions on the

issues concerned. A live example of participative management by students in the functioning of the Institute is through LVAP program. LVAP program, Institute encourages students to undergo different projects, for example, Internet Of Things (IOT) , VLSI ,Games development, Embedded systems, Automation, Mechatronics, Control systems with employable guarantee training, intern-ship followed by final placement. 3 Idea Technology is another organization where Institute have set up centre of excellence for training students on 3D printing and given LOI to select people after theoretical training and by practical manufacturing products with paid intern-ship followed by final placement. In short, Institute is coming out with a scheme, wherein ARMIET will repay the entire fees of the student, if the student does not get the job after completion of engineering. So a student is not paying the fees, but, a refundable security deposit if he/ she does not become employable or employed or entrepreneur at the end of the course. As stated in previous paragraphs, through participative management, the faculties are involved in various decision making bodies of the institute, such as, Local Management Committee, Internal Quality Assurance Cell, Academic Monitoring Cell and Grievance Redressal Cell, Examination Committees etc. The necessary budgetary support for the effective and independent functioning of every committee is ensured on, case to case basis ,after taking approval from the senior management as applicable. Thus the Institute practices decentralization and participative management in all the activities with active involvement of all students, faculty and staff to reach VISION AND MISSION.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Admission of Students	Admissions are effected through Central Admission Process of Govt. of Maharashtra, Directorate of Technical Education, through online centralized admission process on the basis of student's merit and reservation policy. For college level admissions applications are invited through advertisements in newspapers. Admissions are effected according to merit.
Industry Interaction / Collaboration	To identify and invite industry experts to deliver content beyond syllabus and make students aware of contemporary issues and engineering practices adopted by the industry To provide industry exposure to students through internships, industry visits, expert lectures by industry personnel. Obtain industry sponsored final year projects To involve the industry in the teaching-learning process by including them as a visiting faculty, Guest lectures, etc. Engage alumni to enrich our activities and enhance our profile Industry representatives are included

		in DAB (Department Advisory Board) to bridge the gap between curriculum and Industry need and organize the seminars/w/s etc. to bridge the gap.
	Human Resource Management	Employee Provident Fund facility is provided according to EPF Act. Group insurance, health check-up camp. Giving out Academic awards for meritorious students and faculties Transparent Process for appraisal System The institute arranges lectures pleasure trips for staff, to assist them for effective stress management and health Time flexibility for those who are pursuing Higher education is available.
	Library, ICT and Physical Infrastructure / Instrumentation	Library committee is formed which has representatives from each dept. The committee ensure procurement of books, journals etc. Fully equipped library with automation facilities available. Library management through "Auto-Lib" software/ Issue-return with bar-coding. 24x7 Wi-Fi Facility in the entire campus. Classrooms with multimedia projectors and one seminar hall is equipped with smart board NPTEL video lectures, etc.
	Research and Development	To build strategic alliances between the institute and leading academic/research institutions and enterprises To train and improve quality by imparting new skills to faculties through FDPs To publish a large fraction of papers in top journals To encourage the faculty members and students to involve in sponsored research Encourage students and faculties to apply and obtain research grants from various government and nongovernment, research funding agencies such as UGC, AICTE etc.
	Examination and Evaluation	Continuous evaluation by two online and one In-sem. exam conducted by University. Continuous internal evaluation process for Term work/ Lab work. Class tests, Assignments, Projects reviews are conducted regularly. Unit tests Prelims conducted by each department. Final Theory examination (off line) conducted by University. The practical examination is conducted with internal and external examiners appointed by the SPPU committee of examination. Oral/Practical/Project/Seminar exams are conducted as per schedule of

	affiliating university.
Teaching and Learning	To offer industry-oriented online courses leading to certification. To promote personality soft skill development of all graduates for smooth assimilation in a professional workforce. Internet facility for students and faculty for access to e-learning resources like NPTEL lectures, NDL etc. Inputs beyond curriculum and self-learning components are introduced in teaching-learning to expose students to recent trends in the subject and to inculcate the spirit of lifelong learning Remedial lectures are taken for weak students to bring them at par with the learning of other students. Guest lecturers / Seminars/ workshops are arranged for both faculty and students. Effective use of ERP (Enterprise Resource Planning) Student's attendance and performance are monitored through ERP and GFM works for its improvement.
Curriculum Development	As our institute is affiliated, one syllabus is designed by affiliated University i.e. SPPU. Many of the faculty members are contributing to curriculum revision and design. College organizes seminars/Workshops for curriculum development and also participates in such seminars/workshops conducted by other colleges.

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

E-governace area	Details
Planning and Development	Yes
Administration	Yes
Finance and Accounts	Yes
Student Admission and Support	Yes
Examination	Yes

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	53	Conference/ Workshop	NA	53000
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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)
2019	FDP on Moodle Test for Teachers Training, IITB	NA	21/04/2020	27/04/2020	1	Nill

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes	53	01/06/2019	31/05/2020	21

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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	0	0	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Staff Welfare Fund, PF, Medical Insurance , 2 lakh Accidental policy, Maternity Leave, Free Bus facility	Staff Welfare Fund, PF, Medical Insurance , 2 lakh Accidental policy, Maternity Leave, Free Bus facility	Accidental Policy

6.4 – Financial Management and Resource Mobilization

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

ARMIET, appointed an Internal Audit Committee consists of Staff / Faculty / Officers from Accounts Department, for auditing of the books of accounts every quarterly. 2.Internal audit is the continuous process of auditing books of accounts, and is carried out on quarterly basis by the Internal Audit Committee. 3.The Accounting software, 'Tally.ERP' Version No. 9.0 is used to

manage the entries of day to day transactions in the Accounts Department of the Institute. The software version is regularly updated to make use of the new features . 1.As and when the Internal Audit Committees, observations are submitted to the Principal, the Errors/objections, if any raised, inter alia, were corrected / rectified immediately. 2.The institute completes the internal audit for all physical assets as well before submitting for external auditing. 3.M/s P.C. Patil Associates, have been appointed by the Trustees as External Auditors for auditing the Books of Accounts of the Institute, who finalise and submit the reports.

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
NA	0	0

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6.4.3 – Total corpus fund generated

0

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	Other Institute	Yes	IQAC
Administrative	Yes	Other Institute	Yes	IQAC

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

We don't have Parent-Teacher Association but every year we conduct Parents meeting

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

1.Conducted training on Advanced Excel 2. ERP Training 3. Softskill Deveploment

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

1. Internal Quality Assurance system was strengthened by constituting the IQAC of the institute, conduct of bi-annual academic audit, adherence to academic schedule, analysis of performance and stakeholder feedback. The Institute budgetary provisions relating to Library, Academic, Research, Curricular and co-curricular activities and e-resources, infrastructure and maintenance, IT based infrastructure and maintenance are incrementally improved. 2. Teaching plan monitoring is done by Head of the Departments Fortnight Progress reports are prepared and reviewed regularly. 3. IQAC has promoted the use of ICT in teaching and learning process. 4. 100 faculty members are being involved in faculty development programmes. 5. The NSS unit of the college organized environment awareness, health and hygiene awareness programme, visit to destitute home, sapling planting. Blood donation camps have been organized annually. A camp was organized for total medical check-up.

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	No

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
2019	FDP on Moodle Test for Teachers Training, IITB	06/01/2020	21/04/2020	27/04/2020	1

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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
Gender Equity Program	08/03/2020	08/03/2020	100	100

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
Percentage of power requirement of the College met by the renewable energy sources 40

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	0
Ramp/Rails	Yes	0
Rest Rooms	Yes	0
Scribes for examination	Yes	0
Any other similar facility	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
2019	1	Nill	01/06/2019	365	Canteen	Food	1179
2019	1	Nill	01/06/2	365	Hostel	Stay	200

			019				
2019	1	Nill	01/06/2019	365	Doctor on Call	Medical	37
2019	Nill	1	15/08/2019	1	Tree Plantation	Environment	100
2019	Nill	1	26/01/2020	1	Blood Donation	Blood	89

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)
HR Policy	21/08/2018	As per HR policy Manual all stake holders are availed facilities
Student Rule Book	17/09/2019	Rules and procedures are promulgated to facilitate smooth conduct of the programmes, bring transparency in the system and uniformity in their implementation. This Students' Rulebook is published to answer all queries of students and their parents that they may have pertaining to programme administration, academics, and students affairs. The contents of this Rulebook are consistent with the guidelines issued by the University, AICTE and other regulatory authorities on different aspects for conducting the various educational programmes.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Independence Day	15/08/2019	15/08/2019	1232
Republic Day	26/01/2020	26/01/2020	1232

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

1. The college has taken initiatives for conducting Green Audit for maintaining the ecosystem and improving upon environmental sustainability in the campus, and Gender Audit with the objective of gender sensitizing among students. 2. Tree plantationactivity has been performed. 2. LED lights have been installed in places where energy consumption is high. 3. Rain (Roof) water harvesting system has been installed wherein rain water is channeled to the existing

underground well. 4. We practice simple measures like using two sides of paper for printing, using waste paper for rough work, only using the lights/fans needed, shutting off lights in unused rooms etc. 5. cleanliness drives like "Swachhta Abhiyan"

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Annual college day is celebrated in the form of Mathru Devo Bhava program – a tribute to all mother hood., on February 23rd. This is celebrated in a grand manner in the presence of 4000 people in and around Shahpur. ARMIET felicitates mothers of students, Chief guest and two guests of honor are chosen from mothers of IAS, IRS, IPS dignitaries , mother of noted Industrialist and mother of famous Film Arts personalities. This event is widely covered in press media . To bridge the gap that has arisen between the university designed course syllabus content and the present day requirements of the industries, as per the dynamic environment resulting from the technological advances that has happened globally., in all the Engineering branches, ARMIET has initiated this VAP program. One reputed and advanced project in every branch of engineering has been identified and the students have been advised to work on these specific projects and develop the proto-type modules for which 2 examples are given below 1.Hydrogen bike with multi-tasking system. 2.Automatic Smart parking System Using IOT.

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

http://armiet.in/mathru-devo-bhava-2018/

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

The Institute vision speaks about making students employable. The Institute in recent past has developed a system to see that every student passes out with job in hand or becomes a part of start-up entrepreneurship or employability is the slogan of ARMIET. Institute started tying up with industries wherein industries are giving practical training to students by bridging the gap between student capabilities and industry requirements. A nearby industry GOGO-1 has an MOU/LOI to train the students specific to their requirements at supervisor, or quality engineer level etc., by giving class room training, practical projects on electric bicycle and internships current semester. The process starts from 3rd year onwards and end of final year a student becomes employable in GOGO-1 organization or any other similar organizations. 3 Idea Technology is another organization where Institute have set up centre of excellence for training students on 3D printing and given LOI to select people after theoretical training and by practical manufacturing products with paid intern-ship followed by final placement. PBI education is another organization which has access to 30 companies in various fields of IOT, VLSI game development, embedded systems, automation, mechatronics, control systems and employable guarantee training, intern-ship followed by final placement. Students are compulsorily have to undergo ATI intern-ship. Special thrust is given to SC/ST students by offering various schemes available for making them employable. The institution stresses on outreach programmes and inculcates in its students an awareness of the value of a holistic education and an empathy for the less privileged sections of society. Social service is a compulsory component of An active NSS and Social Service Cell organize outreach programmes for the student community.

Provide the weblink of the institution

8.Future Plans of Actions for Next Academic Year

To Participate in NIRF • Enhancing social compatibility of the students by giving better opportunity of social interaction through activities of NSS and extension activity cell.• To start Incubation Center and Start Up • To increase faculty efforts to procure research funding from various funding agencies • Development of skills of the students by inculcating core values among them further by • imparting value-based education • To form Patent Cell and support patenting • To obtain the Permanent affiliation status from University of Mumbai • To conduct orientation program for newly joined faculty • To organize National / International conferences in Multidisciplinary areas