Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**MALLA REDDY INSTITUTE OF TECHNOLOGY AND SCIENCE**
Name of the head of the Institution	**Kasa Ravindra**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**040-64634230**
Mobile no.	**9348161221**
Registered Email	**mrits_pril@yahoo.co.in**
Alternate Email	**kasa_ravi@yahoo.com**
Address	**Maisammaguda, Dhulapally, Medchal**
City/Town	**SECUNDERABAD**
State/UT	**Telangana**
Pincode	**500100**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Dr.A.Chandrasekar**
Phone no/Alternate Phone no.	**04064634268**
Mobile no.	**9842093921**
Registered Email	**mrits_pril@yahoo.co.in**
Alternate Email	**mrits.s1@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://mrits.ac.in/iqac.php

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 :	http://mrits.ac.in/circulars.php

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B+**	**2.73**	**2018**	**02-Nov-2018**	**01-Nov-2023**

6. Date of Establishment of IQAC

6. Date of Establishment of IQAC	**27-Jul-2011**

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
IQAC MEETING	**04-Jun-2018** **1**	**13**

Plan of action for the Academic-Year 2018-19 1st-Sem	04-Jun-2018 1	12
purchase requirement for the Academic-Year 2018-19	04-Jun-2018 1	12
IQAC directed to form a Forum of Literature (FOL) Club	21-Oct-2018 1	18
Students Feedback	03-Sep-2018 1	2100
Evaluation of Students feedback	07-Sep-2018 4	147
IQAC MEETING	08-Sep-2018 1	13
Plan of action for the Academic-Year 2018-19 2nd-Sem	08-Sep-2018 1	12
Student Feedback	25-Feb-2019 1	2100
Evaluation of Students feedback	04-Mar-2019 6	158
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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
MRITS	Minor Project	MRIMS	2018 365	100000
MRITS	Industry Sponsored Projects	OSI Technologies	2018 365	75000
MRITS	Industry Sponsored Projects	SVRK Technologies	2018 180	75000
MRITS	Industry Sponsored Projects	Electrogig Technologies	2018 180	60000
MRITS	Industry Sponsored Projects	Genomix Molecular Diagnostic Pvt. Ltd.	2018 180	70000
MRITS	Students Research Projects	MRES	2018 60	32000
MRITS	Students Research Projects	MRES	2018 90	58000

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)

Conducting seminars / workshops, FDPs, Guest Lectures, training / certification Programmes on qualtiy related issues

Signed MOUS with 7 companies and working with IT Industry to increase MOUs

Incubation Center Established

Working with Funding agencies

Based on the indices, analysis is done in the areas of attendance, results, faculty publications, projects, faculty quality, placements, intake gender ratio etc...

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
Monitor Teaching Learning process	**Academic Audit is done at the middle and end of every semester**
Staff and students were motivated through meetings and various activities	**Improvement in 1. Placements 2. Results 3. Performance in Competitive Examinations 4. Research Funding 5. Higher Education**

To conduct workshop for faculty to introduce Active Learning in the Class room teaching	Faculty of Depts. of CSE, IT, ECE, CIVIL and H&S, PG:MBA and MTech have been trained to implement Active Learning in the curriculum.
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14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
Governing Body	**22-Jun-2019**

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**Yes**

Date of Visit	**02-Nov-2018**

16. Whether institutional data submitted to AISHE:	**Yes**

Year of Submission	**2019**

Date of Submission	**05-Feb-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)	**1. SMS gateway to send important notifications to different stakeholders of the college. 2. Upgradation of the college website with special importance to dynamic data 3. Installation of RFID system in college library for better library management. 4. Integrated student's management software is used for Management of data related to students, staff and nonteaching staff members. The software includes modules for entry of students, staff and no of teaching staff members attendance. The second module is about the fees of the students collected, where in the fees paid by the students is entered in this module, which helps to update the financial status at any time, and the third module is related to leaves, where in the details of leaves is entered. The software has the module pertaining to staff achievement and academic activities in terms of academic calendar. The last module is**

about storing the students marks which helps to do student performance analysis. It also stores information with respect to publication of faculty papers. This helps to do Research analysis. The software will generate reports to do the analysis

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

Yes. The institution being affiliated to Jawaharlal Nehru Technological University Hyderabad, it implements the academic curriculum and academic regulations released by the University from time to time. However, in order to provide in situ clarity to the students on latest technological advancements happening globally, certain topics and laboratory exercises have been identified and imparted to the students. The topics beyond the curriculum include Artificial Intelligence and Robotics, Machine learning etc. The mode of curriculum delivery will be in the form of animated ppt based presentations by faculty members including videos wherever needed. This is an augmentation to the conventional chalk board teaching. A self-made lecture material in the form bounded books will be supplied to the students for their ready reference and preparation. Assignments on individual topics will be given to the students following blooms taxonomy so as to prepare the students to cope up with global competitiveness. The midterm question papers also will be prepared to meet the criteria of Blooms Taxonomy. Unit wise and subject wise surveys among students will be performed to map the fulfillment of Los, Cos, Pos etc. The feedback received from the students will be assessed, analyzed. The analysis will be made as an agenda to be discussed in College Academic Committee. After thorough discussions, the committee will resolve the steps to be taken to meet the future requirements of the students. The committee also recommends to modify POs, COs etc., in order to meet the growing needs of the students and allied stake holders. The outcomes of the committee findings will be displayed in all notice boards for developing awareness among all students so that they set new benchmarks. An app has been developed for the benefit of the students which enable the faculty members to post their assignments, notifications, web links for the lecture notes documented by them on the subjects they are teaching. The moment it is posted, every student can access the documentation on the subjects/units. Further, an interactive software system of enhancing the coding ability of students has been established in the college. All coding related subjects will be taught in the computer laboratories using this software wherein the student can write the code and run the program. Unlike regular compilers, this software enables the students and staff to identify the location where correction is needed and also suggests the nature of correction to be made. Plenty of examples are available in the software and hence students are really developing coding skills with this new trend and it is available 24X7 to the students. The faculty members can monitor logging in details of the students at any time in a day. This is helping the students to perform well in competitive exams and placement drives.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene	Skill Development

PHP WITH MYSQL	Nil	30/07/2018	30	Both (Employ ability and Entrepreneur ship)	Software Development
HTML 5	Nil	06/08/2018	30	Both (Employ ability and Entrepreneur ship)	Software Development
XML	Nil	06/08/2018	20	Both (Employ ability and Entrepreneur ship)	Software Development
ADVANCED JAVA	Nil	17/07/2018	30	Both (Employ ability and Entrepreneur ship)	Software Development
CORE JAVA	Nil	30/07/2018	30	Both (Employ ability and Entrepreneur ship)	Software Development
MCSE	Nil	06/08/2018	15	Both (Employ ability and Entrepreneur ship)	Software Development
AUTO CAD	Nil	25/07/2018	30	Both (Employ ability and Entrepreneur ship)	Software Development
PYTHON	Nil	17/07/2018	45	Both (Employ ability and Entrepreneur ship)	Software Development
MAT LAB	Nil	16/07/2018	30	Both (Employ ability and Entrepreneur ship)	Software Development
ORACLE	Nil	17/07/2018	45	Both (Employ ability and Entrepreneur ship)	Software Development
DATA STRUCTURES	Nil	30/07/2018	30	Both (Employ ability and Entrepreneur ship)	Software Development
JAVA SCRIPT	Nil	17/07/2018	45	Both (Employ ability and Entrepreneur ship)	Software Development
C LANGUAGE	Nil	17/07/2018	45	Both (Employ ability and Entrepreneur	Software Development

					ship)
STAAD PRO	Nil	25/07/2018	30	Both (Employ ability and Entrepreneur ship)	Software Development
CCNA	Nil	30/07/2018	30	Both (Employ ability and Entrepreneur ship)	Software Development
XILINX	Nil	30/07/2018	30	Both (Employ ability and Entrepreneur ship)	Software Development

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BTech	Nil	02/07/2018
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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
BTech	CSE	12/07/2018
BTech	ECE	12/07/2018
BTech	CIVIL	12/07/2018
BTech	IT	12/07/2018
Mtech	ECE	16/08/2018
MBA	MBA	16/08/2018

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

	Certificate	Diploma Course
Number of Students	1200	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
Amazon Web Service (AWS) Certification	07/01/2019	142
Networking Security	03/03/2019	178
Certification on Big Data	13/07/2018	160
Microsoft Technology Associate(MTA) Certification	24/08/2018	256
NPTEL Certification Courses	21/01/2019	345
Embedded System Program	07/01/2019	134

3D Imaging	10/09/2019	177
Mat Lab	13/08/2018	165
Advancements in Digital Image Video Processing	04/10/2018	96
Auto Desk 3D	22/08/2018	208
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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
BTech	Main Project (CSE, ECE & CIVIL)	531
BTech	Mini Projects by Internships (CSE, ECE & CIVIL)	382
BTech	Mini Projects (CSE, ECE & CIVIL)	149
Mtech	Internships	6
MBA	Internships	84
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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
Feed back will be obtained from all stake holders periodically. Feedback will be collected on 1. Syllabus coverage, 2. Understanding of contents, 3. Knowledge transfer by the teacher, 4. Analysis ability of the teacher, 5. Fulfillment of mission and vision statements, 6. Fulfillment of POs, PEOs, COs etc, 7. Parents, 8. Alumini, 9. Employers and 10. Exist survey. Feed back on points 1 to 4 will be collected once in a semester. After proper consolidation, they will analyzed by academic committee in the presence of HoDs and senior faculty members of the institution. If any staff members get the poor response from the feedback given by students, such faculty member(s) will be advised to improve their teaching abilities. In case of new subjects, the faculty member will be sent to an FDP/Workshop to update their knowledge to develop clarity on the subject. On point-5, the feed back will be taken once in a year by all stake holders and the analysis on this feedback is useful for updating the vision and mission statements of the institution as well as departments. The feedback on point-6 will be taken twice in a year to confirm fulfillment of meeting then course outcomes. The feedback obtained from points 7 to 9 help us to reframe or retain the already framed statements. Collection of feedback is a continuous process. The result of feedback analysis motivates us to set new

goals for the future requirements of the students. The corrections thus made will enhance the competitive sprit among all stake holders of the institution and is useful in overall development of the institution.

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
BTech	CIVIL	240	219	219
BTech	CSE	180	180	180
BTech	ECE	180	180	180
BTech	IT	60	60	60
Mtech	ECE	18	6	6
Mtech	ES & VLSID	30	0	0
Mtech	WMC	24	0	0
Mtech	HE	24	0	0
Mtech	TE	24	0	0
MBA	MBA	60	40	40
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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	639	46	181	21	0

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
202	202	48	41	10	6
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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Yes. Available. The moment a student admits in to the college, basic data will be collected from him/her on a data collection form. It comprises of family details, educational status, social status, economic status, most importantly the ambition of the student for choosing this course and his future plans such as wants to do the job, wants to become entrepreneur, wants to pursue higher education in India or abroad etc. Based on the wishes expressed by individual students, groups will be formed to provide proper mentoring to fulfill their goals. In general, each teacher mentor will be assigned 10 to 15 students for mentoring on periodical basis individually.

The duty of the mentee starts with observing the regularity of their mentees on daily basis. The absence of any mentee will be intimated by mentor to the parents via SMS and phone call. If the mentee is absent continuously for 3 days, then the mentor will call the parent/guardian to know the reason for absence and advice the parent/guardian regarding the effects of long absence at the end of the semester in the form of detention etc. In particular, the teacher mentors will observe the attitude of the student mentees assigned to them on daily basis. If they found any negative attitude by any students, they will counsel him/her in an elderly and friendly manner. In case, if the mentee is not showing sensitivity to the counseling done by mentor, then the case will be referred to the department disciplinary committee under the convenorship of concerned HoD. The mentor as well as the committee along with the student and his/her parent/guardian will sit together and discuss the issue transparently from both the ends to convey that unless the students changes his attitude he can not fit into present day industry or society. In order to provide better life settlement to live with dignity, the convener will suggest certain corrective measures to the parent/guardian and inform the mentee the same. This practice has helped us a lot and a tremendous change in the attitude in the direction of positiveness has been observed with many students. Further, the mentors will keep track on continuous internal assessment of the mentees assigned to them. Based on this they will be divided in to slow learners and fast learners. For slow learners, remedial classes will be scheduled during the semester to give them more practice to succeed in semester end examinations and understand the subject well. For fast learners, several additional academic activities such as mini projects, planning of workshops, design of certain phenomenos, journal reading etc so that they will become more innovative in developing the new projects.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2213	202	1:10.9

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
152	202	0	0	21

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
2018	Dr. K. Ravindra	Principal	Best Engineering College Principal in Telangana State from ISTE, Telangana State Section during January 2019
2018	Dr. A. Chandrasekar	Professor	Best Academician of the Year Award (Male), Global Education and Corporate Leadership (GECL) Awards by Meerut Institute of Engineering and Technology (MIET), Meerut, Uttar Pradesh on December 23, 2018

2018	Dr. J. Vignesh	Professor	Teaching Excellence Award by Indo Global Summit 2018
2018	Dr. Jaiprakash Narain Dwivedi	Professor	Young Scientist Award at KU Home, Kasetart University, Chatuchak, Bangkok, Thailand by International Association of Research and Developed Organization (IARDO) on February 10, 2019
2018	Dr. Amit Gupta	Professor	Received First and Third prize for paper presentation in National Conference at Sphoorthy Engineering College, Hyderabad on April 4, 2019
2018	Dr. S. Kannan	Professor	Best Teacher Award, National Award of Excellence "Adarsh Vidya Saraswti Rashtriya Purskar" by Global Management Council on Feb 2019 at Ahmedabad, Gujarat
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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
BTech	A05-CSE/A12-IT/ A04-ECE/A01-CIVIL	I/I	24/12/2018	16/02/2019
BTech	A05-CSE/A12-IT/ A04-ECE/A01-CIVIL	II/I	21/05/2019	14/07/2019
BTech	A05-CSE/A12-IT/ A04-ECE/A01-CIVIL	I/II	08/12/2018	09/02/2019
BTech	A05-CSE/A12-IT/ A04-ECE/A01-CIV	II/II	20/05/2019	09/07/2019

		IL			
BTech	A05-CSE/A12-IT/ A04-ECE/A01-CIVIL	I/III	08/12/2018	06/02/2019
BTech	A05-CSE/A12-IT/ A04-ECE/A01-CIVIL	II/III	21/05/2019	08/07/2019
BTech	A05-CSE/A12-IT/ A04-ECE/A01-CIVIL	I/IV	08/12/2018	24/01/2019
BTech	A05-CSE/A12-IT/ A04-ECE/A01-CIVIL	II/IV	17/05/2019	20/06/2019
Mtech	D70-ECE	I/I	04/01/2019	16/04/2019
Mtech	D70-ECE	II/I	10/07/2019	05/09/2019
[View File](#)					

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

Reforms in evaluation initiated by the college are as under: • The faculty meeting is conducted at the beginning of each semester to convey the mid test schedule, question paper pattern, and marks entry schedule in JNTUH web portal. • Orientation programme is organized for the newly joined faculty members to explain the evaluation process. • The academic calendar is displayed in all the departments' notice board. Also, MRITS app is developed to convey the academic activities to the students. • The students are explained about the university regulation and curriculum. Also the copy of syllabus is issued to the students. • The orientation programme is organized for first year students to brief the facilities in the campus, curriculum and evaluation process and placement activities. • In class committee meetings, the evaluation process is explained. Also the issues related to academic and non academic activities are discussed. • The objective questions with answers are distributed to the students. • Every semester Parent-Teacher meeting is conducted to discuss about their ward's performance in the mid examination and university examination. The attendance and marks obtained by the students send to the parents through SMS. • The mid examination marks and attendance of the students are uploaded in the university web portal as per the schedule. It facilitates the students to view their details in the student's web portal of the university web site. • In evaluation process, the students can sought the photocopy of the answer sheets to apply for revaluation and re totaling, if interested. • The subject faculty member prepares the mid examination question paper and scrutinized by HoD of the respective departments. • The college examination cell conducts internal tests and University Examinations as per the guidelines of the University. It looks after the submission of student's exam application to the university, ensures the web portal entry of the college and other exam related works.

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

The academic calendar is prepared well before the commencement of the academic year and displayed in the notice board of each department. It contains the following details: • Commencement of each semester • Assignment test schedule • Mid examination schedule • Practical examination schedule • Tentative dates of university examination • List of holidays (National level holidays, State level holidays, Local holidays and Institutional holidays) • Tentative dates for co-curricular, extracurricular and placement activities • Schedule for displaying

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://www.mrits.ac.in/documents//POs,%20PEOs%20&%20PSOs%20(CSE,%20ECE%20&%20Civil).pdf

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
A05-CSE	BTech	CSE	156	145	92.94
A01-CIVIL	BTech	CIVIL	210	183	87.14
A04-ECE	BTech	ECE	159	144	90.56
A12-IT	BTech	IT	0	0	0
D70- ECE	Mtech	ECE	0	0	0
E01-MBA	MBA	MBA	53	47	88.67
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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://mrits.ac.in/aqar/SSS.pdf

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	540	Sadhu Vaswani International School	145000	145000
Industry sponsored Projects	365	OSI TECHNOLOGIES	75000	75000
Industry sponsored Projects	365	H-Line soft Information Technology PVT.LTD	70000	70000
Industry sponsored Projects	365	i-Lead Technologies PRIVATE LIMITED	33000	33000
Industry sponsored Projects	180	SVRK TECHNOLOGIES	75000	75000
Students Research	45	MRES	25000	25000

Projects (Other than compulsory by the University)				
Students Research Projects (Other than compulsory by the University)	60	MRES	32000	32000
Students Research Projects (Other than compulsory by the University)	90	MRES	58000	58000
Students Research Projects (Other than compulsory by the University)	180	MRES	97000	97000
Minor Projects	365	MRIMS	100000	100000
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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 Day with Entrepreneur	CIVIL	18/08/2018
Women Entrepreneurship Development Program	CSE, IT, ECE	03/11/2018
Technology based Entrepreneurship Development Program	CSE, IT, ECE	05/04/2019
Seminar on IPR	CVIL, CSE, IT ECE	29/03/2019
A Day with Entrepreneur	MBA	10/11/2018
Entrepreneurship Awareness Program	CIVIL	02/02/2019
Entrepreneurship Awareness Program	MBA	22/02/2019
Universal Human Values	H and S	10/12/2018

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
Youth for Climate Change Workshop	K.Nitish	JNTUH	26/03/2019	National Level
National Workshop on	Shravani	WHHEE	02/03/2019	National Level

Empowering Women through Health Hygiene				
Blood Donation Camp	Bhargav Naga Prasad	Janani Voluntary Blood Bank	30/08/2018	National Level
Rural Community Engagement	R.Dinesh Reddy	MGNCRE	25/03/2019	National Level
Presentation on Chat Bot	G.Hrithik B.Mounkka - Second Prize	CSI, MRITS	10/01/2019	State Level
Presentation on Water Purity Level using IoT	G.Hrithik B.Mounkka -Second Prize	CSI, MRITS	08/03/2019	National Level
AUXESIS	M.Srinivos, Yugendhar Kranthi - Winner	ISTE, MRITS	25/07/2018	State Level
AUXESIS	Kailash, Gayathri Dhanunjay – Runner	ISTE, MRITS	25/07/2018	State Level
EBULLIENZA	Nikhil, Charan Jayaznth – Winner	ISTE, MRITS	25/07/2018	State Level
EBULLIENZA	M.Srinivos, Yugendhar Kranthi - Runner	ISTE, MRITS	25/07/2018	State Level
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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
Incubation Center for ECE	ECE Incubation Center	MRES	ECE Incubation Center	Innovation	22/01/2018
Incubation Center for CSE	GLUG	MRES	GLUG	Innovation	16/08/2018
Incubation Center for CIVIL	CI-Cell	MTES	CI-Cell	Innovation	10/08/2019
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
300000	280000	152000

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

Name of the Department	Number of PhD's Awarded
0	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)
International	CSE	25	3.86
International	CIVIL	26	2.53
International	IT	4	3.79
International	ECE	22	5.61
International	H S	14	3.51

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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
CSE	27
ECE	21
CIVIL	18
IT	7
HUMANITIES AND SCIENCES	10

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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
A Complete Survey on Technological Challenges of IoT in Security and Privacy	Pradeep Ghantasala G S	International Journal of Recent Technology and Engineering	2019	1	Malla Reddy Institute of Technology and Science	1
Curriculum Learning Based Approach for Noise Robust Language Identification using DNN With Attention	Ravi Kumar Vuddagiri	Expert Systems with Applications, 2018, Elsevier	2018	7	Malla Reddy Institute of Technology and Science	7
IIITH-ILSC	Ravi Kumar	Internatio	2018	3	Malla	3

Speech Database for Indain Language Identification	Vuddagiri	nal Workshop on Spoken language technologies for under-resourced languages (SLTU'18)			Reddy Institute of Technology and Science	
An improved method of DNA Data Encryption using XoR based Data Segments	Pradeep Ghantasala G S	International Journal of Recent Technology and Engineering	2019	0	Malla Reddy Institute of Technology and Science	0
Climatic Change Prediction using Simple Linear Regression	Pradeep Ghantasala G S	Journal of Computational and Theoretical Nanoscience	2019	0	Malla Reddy Institute of Technology and Science	0
A Review on Breast Cancer Data Repository	Pradeep Ghantasala G S	International Journal of Research	2019	0	Malla Reddy Institute of Technology and Science	0
A Literature Survey on Internet of Things (IoT)	Chandrasekar A	International Journal Advanced Networking and Applications	2019	0	Malla Reddy Institute of Technology and Science	0
Intra Balanced LEACH Protocol to achieve Life span of WSN as with Distributed Ad-hoc Network	Venkateswarlu Naik B	International Journal of Applied Science and Computation	2019	0	Malla Reddy Institute of Technology and Science	0
An Inception Toward Better Big Data Clustering	Mujeeb S Md	International Journal Engineering and Advanced	2019	0	Malla Reddy Institute of Technology and	0

Technique		Technology			Science	
The Role and SCCBI of Bosom Cancer in the Universe	Pradeep Ghantasala G S	International Journal of Research and Analytical Reviews	2018	0	Malla Reddy Institute of Technology and Science	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 excluding self citation	Institutional affiliation as mentioned in the publication
A Complete Survey on Technological Challenges of IoT in Security and Privacy	Pradeep Ghantasala G S	International Journal of Recent Technology and Engineering	2019	1	1	Malla Reddy Institute of Technology and Science
Curriculum Learning Based Approach for Noise Robust Language Identification using DNN With Attention	Ravi Kumar Vuddagiri	Expert Systems with Applications, 2018, Elsevier	2018	3	7	Malla Reddy Institute of Technology and Science
IIITH-ILSC Speech Database for Indain Language Identification	Ravi Kumar Vuddagiri	International Workshop on Spoken language technologies for under-resourced languages (SLTU'18)	2018	3	3	Malla Reddy Institute of Technology and Science
Improved Language Identification Using Stacked SDC Features and Residual	Ravi Kumar Vuddagiri	Conference : The 6th Intl. Workshop on Spoken Language Technologies for Under-r-	2018	3	1	Malla Reddy Institute of Technology and Science

Neural Network		Resourced Languages				
Effect of PH Value on Structural and magnetic properties of CuFe2O4 Nanoparticles Synthesized by Low Temperature Hydrothermal Technique	Ramprasad T	IOP ebooks, Materials Research Express5	2018	2	14	Malla Reddy Institute of Technology and Science
A Literature Survey on Internet of Things (IoT)	Chandrasekar A	International Journal Advanced Networking and Applications	2019	2	1	Malla Reddy Institute of Technology and Science
Cloud Computing Characteristics and Services: A Brief Review	Viswanathan A	International Journal of Computer Sciences and Engineering	2019	2	1	Malla Reddy Institute of Technology and Science
Internet of Things (IOT): Research Challenges and Future Applications	Vignesh J	International Journal of Advanced Computer Science and Applications	2018	1	1	Malla Reddy Institute of Technology and Science
Impact of Sisal Fiber Reinforced Concrete and its Performance Analysis:a Review	Stalin Jose Y	Springer Nature	2019	2	1	Malla Reddy Institute of Technology and Science
Analysing the Purchase Behavior of a Customer for Improving	Kannan S	International Journal of Recent trends in Electrical and Electronics Engi	2018	2	1	Malla Reddy Institute of Technology and Science

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	7	37	32	21
Presented papers	58	12	4	0
Resource persons	0	8	4	5

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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
Haritha Haaram	MRITS	50	100
Independence Day	MRITS	50	100
Blood Donation Camp	MRITS	50	100
Stationary Donation	Maisammaguda Anganwadi School	10	30
Voter ID Enrollment Camp	MRITS	50	100
NSS Annual Day	MRITS	10	100
Republic Day	MRITS	50	100
Cancer Awareness 5K Run	People's Plaza	5	20
International Yoga Day	MRITS	50	100
Swachh Pakhawada	MRITS	10	100

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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
Youth for Climate Change Workshop	Recognition	JNTUH	10
National Workshop on Empowering Women through Health Hygiene	Recognition	WHHEE	100
Blood Donation Camp	Recognition	Janani Voluntary Blood Bank	100

Rural Community Engagement	Recognition	MGNCRE	10
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
National Voters Day	MRCE	Ethical Voting Awareness Session	10	80
Swachh Bharat Summer Internship 2018	MRITS	Swachh Bharat	10	100
National Service Scheme	WHHEE	National Workshop on Empowering Women through Health Hygiene	10	100
National Service Scheme	MRITS	Special Camp	10	50
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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
Induction Program	STUDENTS	MRES	5
Induction Program	STUDENTS	MRES	2
Internships	STUDENTS	MRES	45
Interaction with Industry	Faculty and Students	MRES	2
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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
Mini Project	Internship	Lasya Infotech	25/02/2019	12/04/2019	STUDENTS
Contract	Job Training	Cocubes Technologies Pvt. Ltd	13/08/2018	22/05/2019	STUDENTS
Mini Project/ Contract	Internship / Job Training	TASK	06/04/2018	27/03/2019	STUDENTS

Mini Project/ Contract	Internship / Job Training	Internshala	07/05/2018	21/06/2019	STUDENTS
Consultancy	Higher Studies	Jamboree Education Pvt. Ltd	24/12/2018	30/03/2019	STUDENTS

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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
Genomix Molecular Diagnostics Pvt. Ltd	27/03/2019	Internship / Job Training / Project Guidance	70
S.V.R.K Technologies	22/04/2019	Internship / Job Training / Project Guidance	75
Leidos, Information Technology and Services	07/01/2019	Internship / Consultancy	56
CARE Inc	08/11/2018	Internship / Job Training	69
Pennar Engineered Building Systems Ltd. Hyderabad	11/07/2018	Consultancy / Internship / Job Training	163
Unique Infra Engineers Edifices Pvt. Ltd	03/10/2018	Consultancy / Internship	115
Galacon Infrastructures Pvt. Ltd	14/12/2018	Industry Relevant Training / Consultancy / Internship	132

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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
23052000	19196453

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing

Classrooms with Wi-Fi OR LAN	Newly Added
Seminar halls with ICT facilities	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added

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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	Fully	17.5	2007

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	27712	6748417	1694	781353	29406	7529770
Reference Books	3828	1339800	203	91350	4031	1431150
e-Books	249	99600	22	8800	271	108400
Journals	90	2913087	46	344139	136	3257226
e-Journals	3216	1495067	3215	690303	6431	2185370
Digital Database	1	135070	1	13570	2	148640
CD & Video	1393	0	101	0	1494	0

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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr. P. Raja Suresh Kumar	NPTEL	Windows	10/01/2018
Ms. Y. Yadu Priya	Concrete Technology	Power Point, MCQ and NPTEL Video	18/07/2018
Mr.G. Saravana Kumar	Concrete Technology	Power Point, MCQ and NPTEL Video	17/07/2018
Dr. Y. Staline Jose	Design of Reinforced Concrete Structures	Power Point, MCQ and NPTEL Video	20/07/2018
Dr. B.Nagendra Kumar	Water Resources Engineering	Power Point, MCQ and NPTEL Video	18/07/2018
Mr. K. P.Prajwal	Remote Sensing GIS	Power Point, MCQ and NPTEL Video	21/07/2018
Mrs. G. Shilpa Devi	Remote Sensing GIS	Power Point, MCQ and NPTEL Video	18/07/2018
Mr. Md.Ibrahim	Transportaion	Power Point, MCQ	23/07/2019

	Engineering-II	and NPTEL Video	
Mr. M.R.K. Narasimha Rao	Estimating Costing	Power Point and NPTEL Video	20/07/2018
Mr. S. Sai Harsha	Estimating Costing	Power Point and NPTEL Video	27/07/2018

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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	1257	28	1	1	1	3	5	100	16
Added	180	6	1	1	0	0	0	0	48
Total	1437	34	2	2	1	3	5	100	64

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

100 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
E-Resources	http://mrits.ac.in/libraryeresources.php

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
300	190	180	120

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 physical facilities including laboratories, classrooms and computers etc. are made available for the students are Laboratories: • Annual maintenance of equipments is carried out by the concerned department twice in a semester with trained in-house experts as well as some of the activities outsourced to outside agencies. • All computer systems are updated with AVAST KASPERSKY antivirus. • The laboratories are provided with power back up through UPS and stand by generator. • All computer Laboratories are upgraded with new systems of latest configuration. • Additional software packages included for research work and beyond the curriculum of under graduate. • Fire extinguishers are fixed as part of safety. • Wi-Fi connection is provided to faculty members, students, boys and girls hostels. • New equipments are added as per the academic requirements by proposing the details with quotations by head of the department for approval from the Principal and Chairman of the college. Classrooms: All classrooms are provided with boards, furniture facilities and LCD projectors. Library: Books, e-books, journals, magazines, NPTEL tiles and

NPTEL videos are available in the central library for the students and faculty members. Additional library facility is provided in each department with reference books and text books. Sport Complex: The sport department consists of indoor sports hall, Cricket ground, Badminton, Throwball, Kabaddi, Volley ball, Basketball court etc. The physical director is in-charge and responsible for games and sports activities. Inter collegiate games "JNTUH Zonal", 'FURCATEZ' involving about 50 colleges are organized every year. The sports events are also organized for faculty members. Awards, cash prizes and certificates are awarded to the participants. The cleanliness, hygiene, sanitation, water supply, electricity and security of the campus are taken care by the house keeping team.

http://mrits.ac.in/aqar/4.4.2.pdf

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	Malla Reddy Educational Society	97	3395000
Financial Support from Other Sources			
a) National	Telangana State Government	1262	46113000
b)International	-	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
Soft Skill Development	18/04/2018	503	Path Creators
Soft Skill Development	22/10/2018	479	Mentoring Heads Pvt. Ltd
Soft Skill Development	18/07/2018	598	Times of India
Remedial Classes	18/09/2018	218	MRITS
Language lab	16/07/2018	622	MRITS
Campus Recruitment Training	03/12/2018	480	Referenceglobe Technologies
Yoga	21/06/2018	100	MRITS
FIT India	14/06/2018	200	MRITS
Meditation	16/07/2018	479	MRITS
Personal Counselling	16/07/2018	617	Mentoring Heads Pvt. Ltd.,
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2019	GATE, CRT, etc.,	522	230	68	375
2019	Co-Cubs	29	29	25	0
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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
Digitsecure, Bharadwajk Pvt. Ltd., AKR Associates, K Tree DCS Limited etc.,	442	293	Tech Mahindra, IBM, Capgemini, Wipro, Accenture, etc.,	97	31
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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
2018	15	BTECH	CSE	GRIET, NREC CMR	MTech
2019	21	BTECH	CSE	Northwest Missouri State University, Concordia University, Curtin University, Cape Breton University, Northumbria University	MS

2018	12	BTECH	ECE	NREC, SMEC ACE & SPEC	MTech
2019	15	BTECH	ECE	Louisiana State University, University of Bridgeport, Southern Arkansas University, University of Dayton, Alabama State University, Kentucky State University	MS
2019	1	BTECH	CIVIL	Kingston University London (London)	MSc – Management Construction (Civil Engineering)

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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	18
TOFEL	23
Any Other	28
Any Other	20
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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
FURCATEZ 2k19	National Level Intercollegiate Sports meet 24th and 25th January 2019	600
Intramural Cricket Championship	College Level – 7th to 14th August 2018	300
Intramural Sports Tournaments for Staff	College Level – 6th to 12th December 2018	100
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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	National/	Number of	Number of	Student ID	Name of the

	award/medal	Internaional	awards for Sports	awards for Cultural	number	student
2018	Gold Medal in 800 Mt Running in 800 mt Running	National	1	0	16S11A04G4	Mr. Chetan Singh
2018	Gold Medal 400 Mt Running	National	1	0	16S11A04G4	Mr. Chetan Singh
2018	Silver Medal in 800 Mt Runnign	National	1	0	16S11A04G4	Mr. Chetan Singh
2018	Silver MEdal in 400 Mt Running	National	1	0	16S11A04G4	Mr. Chetan Singh

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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)

MRITS has student council and representatives in all academic and administrative bodies to develop student initiative, responsibility and leadership. The following are the list of committees: • Class Committee Meeting • Project development • Anti-ragging • Professional bodies • Training and value added courses • Cultural and sports activities • NCC and NSS • Placement activities • Alumni association

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The MRITS Alumni Association was established on 23.09.2014. vide Registration No. 1248. The Association is fully operative and oranizines meeting regularly and supports in students Training Placement etc. Alumni association regularly meets and interacts with the management. The Office-bearers meet as often as they deem fit to do so. The annual gathering usually has about 100 alumni returning to their Alma Mater. Members of the Alumni continue to contribute to the College in terms of ideas and act as resource persons for various events. The alumni appear for NBA, NAAC and their suggestions are taken into account in the academic areas to be intensified and the industry skills to be promoted. Alumni day is celebrated and their achievements are recognized. It is a matter of pride that many of the alumni have done extremely well in their fields and some of them also continue to recruit students from the campus for their initiatives.

5.4.2 – No. of enrolled Alumni:

236

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

283200

5.4.4 – Meetings/activities organized by Alumni Association :

• Alumni Meet 2018

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)

Practice-1: Formation of Forums New forums have been formed, Ex-1:Forum for Literature, Ex-2:Forum for coding related solutions during last year. The major intention in forming such forums is to involve students, faculty, HoDs, Head of Institute and management. An organizing body will be formed which comprise of members from students and faculty. They identify the topics for discussion, events for organization, and issues for resolution. They share the responsibilities among themselves and reach other students. They act as leaders, they manage the entire forum in consultation with the governance of the institution. They were assigned responsibilities in a decentralized manner to develop managerial abilities while studying Practice-2: Grievance and Redressal Several cells such as Women empowerment cell, Grievance and Redressal cell, SC/ST cell, OBC cell etc. have been established. The effort is to visualize the problems concerned each of the category belonging to different cells and receive the grievances. The committees for each such cells comprise of staff and students with head of institution as chairperson. They meet periodically and discuss on the issues if any, and take resolutions on the issue. It provides decentralization of governance and provides an opportunity to know and understand the problems. They develop enough maturity to understand the societal problems which provides them a clarity to form an unbeatable path for their life.

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
Human Resource Management	The college has a well-defined HR policy to provide the best working environment. This is achieved by • Well defined recruitment policy based on the merit of applicant within the general frame work of the Government norms • Utmost care is taken in appointing efficient/potential faculty members • Regular training programmes are organized for the faculty members to enhance their teaching methodologies • The staff members who would like to leave the institution are relieved on 3 months' notice and preferably at the end of the Academic Year. Relieving Process While a faculty member is relieved, following step by step procedure is followed. • Submission of Resignation to the Principal through HoD • Submission of No Dues Certificate • Issue of Reliving Order • Attrition rate is carefully monitored and exit interviews are mandatory for all employees leaving the institution.

	Strategies for improving retention are formulated based on the analysis of exit interviews.
Industry Interaction / Collaboration	The institution has placement cell to equip the students to meet the industrial needs. The following activities are carried out to make the students industry ready: • Facilitates the experts from industry to interact with the students • In-plant training/Internship • Industrial visits are arranged for students • Guest lectures by Industrial Experts are arranged • Signing MoU • Consultancy • Value added courses for employability skill development • Handling sessions on interview skills, resume writing etc.
Admission of Students	The students are admitted to UG and PG programmes on the basis of the eligibility and guidelines issued every year by the AICTE, the Govt. of Telangana and JNTUH. 70 of seats are filled through single window system of JNTU, Hyderabad based on the rank list. The admission will be based on the marks obtained in the Intermediate or equivalent with a minimum average percentage in Mathematics, Physics and Chemistry. The University publishes the overall rank list, Community wise rank list and counselling schedule. The aspiring candidate opt the college and branch of study of their choice during single window counselling. 30 of seats are reserved under management quota as per University guidelines and Government norms. For filling the Management Quota seats, the norms of Telangana State Council for Higher Education will be followed. The complete list of the selected candidates is approved by the JNTUH.
Curriculum Development	The institution is affiliated to Jawaharlal Nehru Technological University, Hyderabad and follows the curricula prescribed by the University for all the courses offered. The concerned faculty members explain the curriculum to the students. The syllabus along with the prescribed text books, references, web resources and course outcome are circulated among the students. The faculty members are motivated to attend refresher courses, faculty development programmes, workshops, seminars and NPTEL courses

		to update their knowledge. As the institution has limited role in framing of the curricula, value added courses, internship and industrial visit are arranged for the students.
Teaching and Learning		The academic calendar is prepared prior to the commencement of the academic year in accordance with Jawaharlal Nehru Technological University, Hyderabad academic schedule to plan academic events in each department. • All classrooms are provided with LCD projection system to enhance lecture delivery and effective communication. • Students are encouraged to participate in seminars, workshops and conferences to enhance learning skills • The student's performance is assessed continuously through various assessment tools including classroom performance, quizzes, assignment, mid-exam, practical classes • E-book, e-journal facility is provided to carry out innovative project works • Internship and industrial visits are arranged for students to enhance the practical knowledge • A well-stocked library with latest reference books, journals and e-books are provided to the students for latest information • The faculty members and students are provided with the Wi-Fi facility to inculcate online learning for their skill development • The faculty members use blooms taxonomy in teaching-learning process to enhance the critical thinking skill of the students. • The experts are invited from industry and academia for delivering special lectures and seminars on latest technologies.
Examination and Evaluation		The college follows the norms for Jawaharlal Nehru Technological University for examination conduction and evaluation. Mid-examination is conducted for 25of the total marks as per the schedule given by university and remaining 75 is from the end semester University examination. Two mid-examinations are conducted per semester. The syllabus for each mid-examination is given below: First mid-examination – the syllabus is First 2 1?2 units. Second mid-examination - the syllabus is remaining2 1?2 units. The question papers for mid-examination are prepared by the concerned faculty member of the subject in the prescribed

	format. Student's marks are informed to the students immediately after the assessments. The class mentors monitor the performance of the students and necessary guidance are provided to enhance their performance. Both internal marks and student's attendance are uploaded in the JNTHU web portal as per the schedule given by the University. The minimum attendance requirements are strictly enforced to appear for end semester university examination. Central valuation is conducted by the JNTUH for the evaluation of answer script as per their norms.
Research and Development	The RD cell is functioning for motivating and guiding the students and faculty members to promote the research activities. The cell motivates the students to take part in Hackathon. The students of CSE department developed "MRITS" app for intra college communication among the faculty members and students. The faculty members are motivated to register the patents and apply grants to various funding agencies. The faculty members are encouraged to write technical papers to publish in peer reviewed journals with high impact factor. Also, the faculty members are inspired to present the papers in international/national conferences and to act as resource persons, subject experts and chairpersons. On-duty leave is provided to faculty members who attend workshops and seminars.
Library, ICT and Physical Infrastructure / Instrumentation	Library • The library has 29406 text books, 4031 reference books, 271 e-books, 136 journals and 6431 e-journals. • The library maintains separate reference/periodical section with back volumes and current journals/dissertations/project reports for ready reference. • The library is completely automated with bar-coding of all books and reference materials. • Reprographic services to students. • Wi-Fi facility, spacious reading rooms and stack room. • Students can use library from morning 9am to evening 5pm. • General reference resources like dictionaries, thesaurus, encyclopedia, collections of books for Higher study examinations like GATE,SAT MAT and TOEFL etc., • DELNET, E-SHOD SINDHU

	digital database ICT • Integrated Learning Management System KOHA is implemented • CCTV cameras are installed for campus security • Wi-Fi facility is available throughout the campus • 100 of the classes utilize projectors for delivering digital content to the students. Infrastructure • Bringing to use the newly constructed cycle stand

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

E-governace area	Details
Planning and Development	• The vision and mission statement is uploaded on the institution website. • The governing body meeting minutes and resolutions are circulated to the faculty members.
Administration	• The college has Biometric attendance for teaching and nonteaching staff. • The college campus id equipped with CCTV Cameras at very place of need • Students attendance are send to the parents through SMS • MRITS Core Features app is developed for intra communication among the faculty members and students to share assignments and notifications.
Finance and Accounts	The administrative office in the college is fully computerized. All salary payments are done through online and all accounts are maintained online. Students are allowed to pay their fees online. The college conducts regular audit of annual books of accounts. The administrative office keeps the CSE, IT, ECE, CIVIL and MBA and HS financial records separately as per the events and transactions made. The Books of Accounts is maintained by administrative office for auditing procedure.
Student Admission and Support	A helpdesk provides all support and help to streamline the admission process. The College has provided the facility to the students for linking the contact number with aadhar card which was mandatory for the students as per the government rule.
Examination	A separate examination cell is functioning with necessary infrastructure for examination purpose. The question papers are downloaded from the university portal in front of the observer. The examination department has the separate Machine for printing

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
2018	Dr. A. Chandrasekar	"Smart Agriculture based on Internet of Things (IoT)" in International Conference on Recent Innovations in Engineering, Technology and Management at Nandha Engineering College, Erode, Tamil Nadu on 23rd March 2018	-	2500
2018	Dr. A. Chandrasekar Dr. J. Vignesh Mr. G. Ashok	-	CSI – Nominee Member	7080
2019	Dr. A. Chandrasekar	Sixth International Conference "Transformations in Engineering Education (ICTIEE-2019)" at Malla Reddy Engineering College (Autonomous), Hyderabad, Telangana, India on 7th and 8th January 2019	-	1500
2018	Mr. S. Md. Mujeeb	International Conference on Innovations in Computer Science Engineering, "An Inception toward better Classification	-	1500

		Technique for Big Data", at Guru Nanak Institutions Campus, Hyderabad, Telangana, India.			
2019	Mr. S. Md. Mujeeb	Workshop on "Bloom's Taxonomy" on 29th March 2019 at UGC-HRD Centre, JNTUH, Hyderabad	-		500
2018	Mr. S. Md. Mujeeb	International Conference on Advances in Signal Processing, Power, Embedded, Soft Computing, Communication and Control Systems, "An Inception towards better Big Data Clustering Technique", at G. Pulla Reddy Engineering College (Autonomous), Kurnool,	-		2000
2018	Mr. V. Manoj Kumar	International Conference on Innovations in Computer Science Engineering , "An Inception toward better Classification Technique for Big Data", at Guru Nanak Institutions Campus, Hyderabad, Telangana, India.	-		1500
2019	Mr. V. Manoj Kumar	Workshop on "Bloom's Taxonomy" on	-		500

2018	Mr. V. Manoj Kumar	International Conference on Advances in Signal Processing, Power, Embedded, Soft Computing, Communication and Control Systems, "An Inception towards better Big Data Clustering Technique", at G. Pulla Reddy Engineering College (Autonomous), Kurnool,	29th March 2019 at UGC-HRD Centre, JNTUH, Hyderabad	-	2000
2018	Mr. T. Mahesh	Workshop on "Big Data Analytics – a Real Time Approach " 17.12.2018-22.12.2018		-	500
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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)
2018	Faculty Development Program on Outcome Based Pedagogic Principles for Effective Teaching	-	12/11/2018	17/11/2018	45	0
2018	Faculty Development Program on	-	14/12/2018	20/12/2018	40	0

	Plastic Theory Analysis of Structural Members					
2018	Faculty Development Program on Machine Learning Applications in Signal Processing	-	24/09/2018	29/09/2018	38	0
2019	Faculty Development Program on Embedded Systems, Smart Sensor about IOT Application	-	28/01/2019	02/02/2019	44	0
2018	Faculty Development Programme on Data Analytics and Machine Learning using Python, R Programming, Tableau, SPSS	-	17/12/2018	22/12/2018	41	0
2018	Faculty Development Programme on Open Educational Resources MOODLE MOOC Platform	-	12/07/2018	14/07/2018	52	0
2018	Faculty Development Programme on Machine Learning Deep Learning	-	01/04/2019	06/04/2019	42	0

2018	Faculty Development Programme on "Business Analytics"	-	06/08/2018	11/08/2018	42	0
2018	Faculty Development Program on Advanced Techniques in Geotechnical and Foundation Engineering	-	02/07/2018	07/07/2018	40	0

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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
Faculty Development Programme on Machine Learning Deep Learning	1	29/04/2019	04/05/2019	6
Faculty Development Programme on Cyber Security, organized by B.V.Raju Institute of Technology (BVRIT), Hyderabad	3	26/04/2019	27/04/2019	2
Faculty Development Programme on Artificial Intelligence and Machine Learning held at Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad	1	29/05/2019	04/06/2019	6
Faculty Development	3	13/05/2019	18/05/2019	6

Programme on Optimization of Process Parameters by Linear Regression using MATLAB-Research Focus, organized by CMR Technical Campus				
Faculty Development Programme on Artificial Intelligence and Machine Learning, organized by GRIET, Hyderabad	2	29/04/2019	04/05/2019	6
Faculty Development Programme on Data Analytics and Machine Learning using Python, R Programming, Tableau, SPSS, organized by Geethanjali College of Engineering and Technology, Keesara	2	11/02/2019	16/02/2019	6
Faculty Development Programme on Latest Defensive Technology in Cyber Security, organized by B.V.Raju Institute of Technology, Narsapur	2	23/10/2018	24/10/2018	2
National Level Faculty Development Programme on Machine Learning through Mathematical	2	02/07/2018	07/07/2018	6

Modeling Supported with Python R-Soft, organized by Mahatma Gandhi institute of Technology, Hyderabad				
National Level Faculty Development Programme on Security, Privacy, Challenges and Opportunities with Current Tools and Techniques: A Research Perspective, organized by Narasimha Reddy Engineering College, Hyderabad	2	25/06/2018	01/07/2018	6
Faculty Development Programme on IoT with Raspberry Pi	1	25/06/2018	30/06/2018	6
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
202	202	123	123

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
• Casual and Medical Leave • On Duty • Vacation Leave • Maternity Leave • 24x7 Hospital • Safety and Security personnel • Transport Facility • Sponsorship for Higher Education • Study and Professional Development Leave • Concession for Hostel Transport facility • Special Casual Leave for Research study • Group Insurance Scheme is	• Casual and Medical Leave • On Duty • Vacation Leave • Maternity Leave scheme • 24x7 Hospital • Safety and Security personnel • Transport Facility • Medical/Insurance Cover	• Transport Facility • Participation in Co-Curricular and Extra Curricular Activities • 24x7 Hospital • Safety and Security personnel • Student Counseling • Sports and Gym Facilities • Library Book Bank • Hostel Facilities • Founders Scholarships • Medical/Insurance Cover • Project Funding for select projects • Financial support to

provided		attend external events • Offering financial support from college management for poor deserve students • Cash prizes will be given to student for Academic toppers and 100 attendance • Sponsoring the students to participate in co-curricular and extracurricular activities

6.4 – Financial Management and Resource Mobilization

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

The college has provision to conduct internal and external financial audits. The budget is prepared before the commencement of the academic year by considering the requirements of all departments. The principal reviewed the budget and approved by management after necessary changes. The expenditure made by the departments are audited by the college account section and the accounts department of the Trust office. The external qualified charted accountants audit annually to verify the compliance with established financial processes.

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
Management	20000	Faculty Development Programme
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6.4.3 – Total corpus fund generated

125000

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	JNTU Hyderabad	Yes	Internal Audit Team
Administrative	Yes	Charted Accountant	Yes	Management

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

• The parent teacher meeting is held once in a semester to discuss the performance of their wards. • The class mentors/advisors monitor the academic and non academic performance of the students and intimated to the parents. • The student's attendance is send to the parents through SMS • Feedback is taken from parent and analyzed for further improvement

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

- Encouraging for higher studies. • Motivating to participate in skill development programmes • Undergoing training for new software and equipment

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

- Recruitment of faculty with higher qualification Ph.D • Apply proposals to various funding agencies to organize the various events • Launching the college app MRITS

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	Seminar on "Career Opportunities in IT Industry" for Students	09/07/2018	09/07/2018	09/07/2018	172
2018	Workshop on "Machine Learning using Python" for Faculty Members	10/08/2018	10/08/2018	10/08/2018	32
2018	Workshop on "Programming with Python" for Students	05/09/2018	05/09/2018	05/09/2018	139
2018	Workshop on "Embedded Systems and its Application in IoT" for Faculty Members	22/12/2018	22/12/2018	22/12/2018	34
2019	Workshop on "Blockchain Technology" for Students	12/01/2019	12/01/2019	12/01/2019	127
2019	Workshop on "Recent Trends in Civil Engineering Technology" for Students	07/02/2019	07/02/2019	07/02/2019	185

2019	Seminar on "Research Methodology" for Faculty Members	20/03/2019	20/03/2019	20/03/2019	63
2019	Seminar on "Road Safety Rules" for Faculty Members and Students	24/04/2019	24/04/2019	24/04/2019	228
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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
Self-Defense Workshop for Girls Organized by NSS	14/07/2018	14/07/2018	630	0
Seminar on Gender Sensitization	18/08/2018	18/08/2018	421	537
Awareness Program on Women Safety and Respect	07/12/2018	07/12/2018	470	605
Seminar on International Women Day Organised by the Department of Computer Science	08/03/2019	08/03/2019	578	0
Women's Mentoring Program	06/04/2019	06/04/2019	439	0

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
• MRITS motivates our students to keep the environment green and clean • The traded water is used for gardening and flushing purpose • Our institution taking serious initiatives to reduce fluid wastes to avoid water scarcity inside the campus • Rainwater harvesting is another important initiatives taken by the management and student to save rain water

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries

Physical facilities	Yes	60
Provision for lift	Yes	0
Ramp/Rails	Yes	10
Braille Software/facilities	Yes	0
Rest Rooms	Yes	10
Scribes for examination	Yes	10
Special skill development for differently abled students	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	1	14/09/2018	1	Stationary Donation	NSS Unit Had Conducted Books Donation Camp in Government Primary School, Maisammaguda, Inspiring and Motivating them towords Education	21
2018	1	1	20/09/2018	1	Voter ID Enrollment Camp	NSS Unit Showing the Responsibility towords Electing our Leaders, has Conducted a Campaign asking the fellow Students of our	135

						College to Enroll for the Voter ID to Attain the Right to Vote to Elect our Deserved Leader	
2019	1	1	03/02/2019	1	Cancer Awareness 5K Run	NSS Volunteers Participated in 5k Run for Raising Awareness about Cancer Conducted by ISKCON, Kukatpally at People's Plaza, Necklace Road	29
2019	1	1	23/03/2019	5	Youth for Climate Change Workshop	NSS Volunteers Participated in 5 Day Workshop on Youth for Climate Change Conducted by JNTUH at UGC Auditorium	18
2019	1	1	30/03/2019	1	Ethical Voting Awareness Session	NSS Volunteers Participated in Ethical Voting Awareness Session Conducted by Samskruthi Foundation at MRCE	80
2018	1	1	29/12/201	1	She Teams	She Teams	180

				8		Awareness Programme	is a Division of Telangana Police for Enhanced Safety and Security of Women	
2019	1	1	25/01/2019	1	Voter Awareness Programme	NSS Unit Had Conducted Voter Awareness Programme	175
2018	1	1	14/07/2018	1	Haritha Haaram	Haritha Haaram Supporting the State Government to Make the State Green. The Moto of our Event is to Make the Campus Green and Pollution Free	100
2018	1	1	30/08/2018	1	Blood Donation Camp	NSS Unit Showing the Responsibility towords every Citizen. Over 183 Members has Actively Participated in the Blood Donation Camp Donating upto 183 Units of Blood to Janani Voluntary Blood	183

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

Title	Date of publication	Follow up(max 100 words)
Academic Diary 2018-2019 for all students	30/06/2018	Handbooks with code of conduct are provided for the students to be followed by them during their studies. Revised guidelines of JNTUH and AICTE are also printed whenever applicable. Also, the same information is published in our college website

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Yoga Day	21/06/2018	21/06/2018	215
Induction Program for First Year Students	18/07/2018	18/07/2018	393
Swachh Bharath	18/10/2018	18/10/2018	72
Haritha Haaram	14/07/2018	14/07/2018	100
Stationary Donation	14/09/2018	14/09/2018	30
NSS Annual Day	24/09/2018	24/09/2018	103
Republic Day	26/01/2019	26/01/2019	187
Independence Day	15/08/2018	15/08/2018	115
Cancer Awareness 5K Run	03/02/2019	03/02/2019	38

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

• Use of Solar Energy • Rain Water Harvesting • Green Campus • CCTV Camera • Usage of LED Tube Lights • Water Purifier • Reuse of Papers • Hydrants for fire safety

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Describe at least two institutional best practices 1. Continuous evaluation and effective mentoring College identifies the needs of students through the regular interaction with them in mentor-mentee meeting and class committee. During HODs meeting, necessary amendments are taken to fulfill the needs of students for imparting quality education as follows: • The course teacher identifies the requirements of the students and gives lectures on the topics. • The students are encouraged to take part in symposia, workshops and seminars to gain knowledge in the emerging topics. • The students are encouraged to take innovative projects, industrial projects and mini-projects to bridge the gap between institution and industry. • Special guest lectures, seminars by resource persons from industry and research organizations are arranged

periodically to fulfil the learning needs on the emerging areas. • The college library provides lot of journals and e-books, through which the students can gain knowledge on the advanced topics. • Students are encouraged to take research projects along with the faculty members and to present papers at seminars and conferences. • The class toppers are encouraged for University Rank/ Distinction • University rank holders and class toppers are honoured during graduation ceremony • The students are encouraged to view webinars from IEEE, NI, IIT, ACM etc. • Special courses are offered as per the request. • The students are encouraged to take leadership roles in academic and co-curricular activities 2. Enhancing Students' Placements and motivating them for Higher Education • The college encourages the students to appear for competitive Examinations such as UPSC, TSPSC, GATE, CAT, TOEFL, GRE, IELTS, PSU etc. • Information on Higher Studies with Scholarship/ Internship opportunities are given to the aspirants through seminar • Promoting to sign MoUs with the industries to impart knowledge with the students through in-plant training, internship, industrial visit, etc. • Motivating to register for NPTEL Courses and MOOC to enhance their knowledge in different areas. It increases the domain based certification and promotes employment opportunities. • Involving the students in consultancy works to groom their skills to solve real time industrial problems

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
http://mrits.ac.in/aqar/Best%20Practices.pdf

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

Providing environment for learning: Our institution conducts training and orientation programmes to faculty members to hone their skills and improve the efficiency of teaching learning process. The area in which a teacher needs improvement is informed and proper counseling is given to improve their performance. They are encouraged to explore new opportunities in emerging technologies by providing dedicated RD/incubation centers. Also, the faculty members are motivated to register the patents and apply grants to various funding agencies. The faculty members are encouraged to write technical papers to publish in peer reviewed journals with high impact factor. Industry Institute interface: The departments are encouraged to invite experts from industry for delivering special lectures and seminars on latest state of the art. MoUs are signed with the reputed industries to facilitate the students with the opportunity to work on real time project.In-plant training and industrial visit gives the industrial exposure. Department conducts add-on/ value added courses to students to bridge the gap between academia and industrial expectation. Students are also encouraged to take online add-on courses certified by NPTEL/ MOOC etc. The placement cell conducts Career Development Programme where in Communication Skills, Quantitative Techniques Logical Reasoning is taught.Encouraging contributions to national development: MRITS organized social awareness programmes such as Swatch Bharath Mission, Helmet awareness, Voter awareness,environment awareness program to plant trees in and around the college, eye camp, blood donation camp, Dengue Awareness Camp etc.

Provide the weblink of the institution
http://mrits.ac.in/aqar/7.3.1.pdf

8.Future Plans of Actions for Next Academic Year

The college plans the following for implementation in future: • Enhancing academic excellence • Developing skills of the students by imparting value based education • Encourages the students to take part in various national and international level contests • Involving the students in activities covering research, patent filing, product development and entrepreneurship • To get top multinational companies for campus recruitment to improve the dream company placements in core engineering stream • Consultancy with leading corporate • Collaborative research in emerging areas • More number of publications • Accomplish good NIRF rank