Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	MIRACLE EDUCATIONAL SOCIETY GROUP OF INSTITUTIONS
Name of the head of the Institution	Dr Atmudi Arjuna Rao
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	0891-6696601
Mobile no.	9440803924
Registered Email	principal@miracleeducationalsociety.com
Alternate Email	aarao@miracleeducationalsociety.com
Address	Kongavanipalem
City/Town	Bhogapuram
State/UT	Andhra Pradesh
Pincode	535216

2. Institutional Status

Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Rural
Financial Status	private
Name of the IQAC co-ordinator/Director	Dr Behara Srinivas Rao
Phone no/Alternate Phone no.	08916696607
Mobile no.	9440803906
Registered Email	dean@miracleeducationalsociety.com
Alternate Email	raobehara@miracleeducationalsociety.com

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://miracle.edu.in

4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	https://miracle.edu.in/wp-content/uploads/MrclCollegeAcademicCalendar201920.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B+	2.65	2021	15-Feb-2021	15-Feb-2026

6. Date of Establishment of IQAC	03-Apr-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
Soft Skill developement	16-Sep-2019	80

	20	
Remedial Coaching	01-Jul-2019 15	126
Bridge Course	24-Jun-2019 15	69
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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
MRCL	NA	DST	2020 00	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 :	5
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)

• IQAC decided to conduct remedial classes and weekly tests to improve the performance in the end examinations. In this process, the IQAC is effectively pursuing the conduction of weekly tests and their results. • MES initiated Projectbased assignments as a part of encouraging the participative learning recommended by IQAC. This method inspires students to obtain a deeper knowledge of the subjects.

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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
To impart Quality Education	The quality of the assignments and teaching aids has improved. Academic data from HODs is collected and analysed on a semesterbysemester basis. Stakeholder feedback is gathered in order to improve teaching and learning processes..
Implementation of remedial classes for slow learners.	Additional revisions and practical sessions are held on the topics covered in the syllabus. Several students benefited from the experience.
Planned for technical exhibition contexts for students for better exposure to latest technologies.	Many students competed with designed models in competitions.Medals and prizes were awarded to a few students.
To encourage staff and students Participation in seminar, workshop and conference	Faculty members attended to update their topic knowledge and get exposed to the most recent developments. Students were sponsored to compete in national inter-institutional competitions, seminars, and workshops.
To improve the number of placements.	Many students placed in MNCs through well organized placement training sessions.
To Send SMS alert to the parents about progress of their wards.	Alerts of attendance and performance are sent to the parents by SMS Communications with parents is done through SMS, letters and by phone.
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14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
College Academic Committee	23-Aug-2021

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	2020
Date of Submission	31-Jan-2020
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)	• Course/Batch/Category/Student Fee Dues Reports. • Tracks Performance of Scholarship Students. • Fee/Attendance Reminders and Progress Reports. • Attendance Marks Analysis. • Integration with Attendance Capturing Devices. • Accounts Module similar to Tally. • Payroll Integrated Staff Module. • Barcode Integrated Library Module. • Login for Students/Parents to access data online.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

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

The Curriculum planning and implementation is prepared by the Institution guided by the Vision, Mission, Core Values and other social responsibilities that the institution provides individual attention, high quality of Education to meet the challenges imposed by the rapid growth of technology and globalization. At the beginning of every academic year, the IQAC commences meeting with all HODs and initiates the process of preparation of the blueprints for curriculum planning and deployment by every department as per the University guidelines. The Heads of the Departments convene meetings and prepare the curriculum planning and deployment blueprint. Periodic meetings of the Heads are convened to review the process of implementation. The Institution ensures delivery of the curriculum in the following ways: • Allotment of work load in each department is done based on specialization/options/experience of faculty. • Timetables are prepared with the approval of Principal. Faculty members prepare lecture notes and teaching plan for subjects according to the curriculum of JNTUK, Kakinada before commencement of class work. • Class teacher continuously evaluates students performance to identify slow learners / late joiners and plans remedial classes accordingly. • Feedback from students is obtained twice in a semester for each course on various aspects of teaching learning process and discussed with the concerned faculty for further improvement. • Assignments are given on regular basis for every internal exam syllabus. • Internal examinations for theory and practical subjects are conducted as per the schedule given by the University. • Question papers for the internal tests are designed such that the course outcomes are attained. • Teaching faculty are entrusted with the task of mentoring 20 students on academic and personal issues, leading to a better learning atmosphere and to sustain their performance. • Contents beyond the syllabus are taught. • e-Resources like Sodhsindhu, Sodhganga, National Digital Library, DELNET, NPTEL-SWAYAM etc., are provided in Digital library to supplement the syllabus. Teachers are encouraged to adopt ICT tools and online courses using e-class rooms.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
Work Shop on Embedded	NA	05/08/2019	6	Employabil ity	Skill Developmen

Systems Architecture ARM processor					
Facts and its Applications	NA	26/08/2019	6	Employability	Skill Development
Work Shop on Part design using CATIA	NA	16/09/2019	6	Employability	Skill Development
ork Shop on R-Programming	NA	16/09/2019	6	Employability	Skill Development
Work Shop on Challenges and Possible Solutions in Ad-hoc Networks	NA	17/09/2019	6	Employability	Skill Development
Structural Analysis of High rise Buildings	NA	21/10/2019	6	Employability	Skill Development
A workshop on Financial Planning SEBI	NA	25/10/2019	6	Employability	Skill Development
AI Landscape and Its Applications	NA	03/02/2020	6	Employability	Skill Development
Electric vehicles and their impact on Electrical Distribution network	NA	10/02/2020	6	Employability	Skill Development
Artificial Intelligence using Deeplearning Machine Learning	NA	10/02/2020	6	Employability	Skill Development
Soft Skills Significance in Todays Dynamic Market	NA	10/02/2020	6	Employability	Skill Development
Workshop	NA	10/02/2020	6	Employabil	Skill

on Sheet metal and surface modeling using solid worksWorksho p on Sheet metal and surface modeling using solid works				ity	Development
Work Shop on IOS	NA	24/02/2020	6	Employabil ity	Skill Development
Prestressed Members their Utility	NA	24/02/2020	6	Employabil ity	Skill Development

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Mtech	NIL	Nill
BTech	NIL	Nill
No file uploaded.		

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	CE,EEE,ME,ECE,CSE	10/06/2019
Mtech	ES,CSE	16/09/2019
MBA	MBA	16/09/2019
MCA	MCA	16/09/2019

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

	Certificate	Diploma Course
Number of Students	900	Nil

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
Career Guidance	31/07/2019	68
Group Discussion and Personal Interviews	23/07/2019	64
Apptitude Test and Training	16/07/2019	80
Communication Skills	09/07/2019	88

Listening and Writting Skills	29/06/2019	70
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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	CE,EEE,ME.ECE,CSE	54
MBA	MBA	34
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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
Students feedback is filled by the Students before the examinations of every semester. Feedback from students is obtained twice in a semester for each course on various aspects of teaching learning process and discussed with the concerned faculty for further improvement. Feedback is received on varied aspects of the college including Teaching, laboratory, academics. • The points are calculated according to the grades given by the students in various criteria. The grades are given as A, B, C, D, E (where A5, B4, C3, D2, E1). The Average and percentage of various criteria are calculated. The strength and weaknesses mentioned by the students are summarized. Feedback is also collected from the parents during Parent Teacher Meetings that are organized by each and every department of the college. Suggestions and comments given by the guardians are also taken into account for future development. • The different areas where improvements are required are discussed in respective committees/departments. The proposals given by the different committees and departments are discussed in IQAC of the college for necessary action. Strengths of the college are also taken into consideration for further up gradation.

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	CE	30	35	30
BTech	EEE	60	45	41
BTech	ME	120	100	100
BTech	ECE	120	51	51

BTech	CSE	120	120	130
MBA	MBA	120	39	35
MCA	MCA	120	51	47
Mtech	CSE	18	16	16
Mtech	ES	18	10	8

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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
2019	845	190	71	38	29

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
138	138	8	55	5	8

View File of ICT Tools and resources

View File of E-resources and techniques used

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

Our institution has a mentoring, counselling, and support system for students, and students are assigned to each faculty according to the norms. The Faculty Mentor scheme is used to cater to the needs of students. Each Faculty Mentor is appointed according to the norms and is responsible for monitoring the academic, nonacademic, and personal growth of the students, which helps to increase pass rates and skill development. Their parents/local guardians are also in regular and persistent contact with the Faculty Mentor. Remedial sessions give instruction for slow learners. A framework is put in place to keep track of these students records and status. Mentorship entails academic evaluation, talent identification, and development. Mentor meetings are held on a regular basis to counsel students, solve their problems, and motivate them.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1035	138	1:8

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
23	23	Nill	23	8

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

Year of Award	Name of full time teachers	Designation	Name of the award,

	receiving awards from state level, national level, international level		fellowship, received from Government or recognized bodies
2019	NIL	Nill	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
Mtech	CSE,ES	I	24/02/2020	19/08/2020
Mtech	CSE,ES	II	26/11/2020	11/02/2021
MBA	MBA,MCA	II	23/11/2020	06/03/2021
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

MES is a JNTUK affiliated institution, and the universitys evaluation standards are followed. The university implemented major evaluation reforms by instituting a credit-based grading system, and the institute has done the same.MES has adopted a method of continuously assessing students academic performance. Formative assessment in theory subjects: ? As per the JNTUK regulations, the marks allotted for internal exams are 30 and that of external exams is 70. In this framework, the college conducts the following components as part of internal exams. Objective Question Paper (10 marks). Multiple choice questions are given by the university. Descriptive Question Paper (15 marks). A set of four descriptive papers will be given by the concerned faculty to the examination branch from which one will be selected. Blooms Taxonomy is followed by the while setting the internal exam question papers. Assignments (5 marks) will be awarded by the instructor based on class tests, written assignments, seminars and classroom interaction. Marks will be awarded for the above activities and the average of the above activities is taken as the assignment marks. ? Continuous assessment in practical subjects: For practical subjects, there should be a continuous evaluation during the semester for 25 marks for internal and 50 marks for the end examination. To improve the outcome of the laboratory work done in a semester, out of the 25 marks for internal, day-to-day work in the laboratory shall be evaluated for 15 marks and internal examination for practical shall be evaluated for 10 marks conducted by the concerned laboratory faculty member. In this regard, the faculty will evaluate the day to day performance of the student for each experiment which includes regularity, procedure, results, viva and punctuality in the submission of records and the marks obtained for each student are recorded. ? As part of the internal assessment of projects which are done in the IVth year, MES follows the following framework. ? Project Review Committee (PRC) is formed for every department consisting of Head of the Department, Project In-charge and two senior faculty members to identify the projects. Students are formed into project batches with four or five students in each group. The groups collect the literature on a topic and review the literature and submit the title with an objective, plan of action for title approval to PRC. PRC assess and approves projects for each group. ? After obtaining the approval the groups are allotted with a faculty member as their guide for the project and can start up the Project work. ? Review meetings are conducted for continuous assessment in projects.Review1 covers abstract block diagram. ? Review2 covers implementation

and Review3 covers final results with coding. Grades will be given for each review. The average of all the reviews is taken and the internal marks will be awarded for projects.

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

The academic calendar published by the affiliating university serves as the foundation for developing the college academic calendar. Special hours and extra sessions are introduced into the college timetable to satisfy the needs of slow learners and advanced learners, creating an environment conducive to their overall growth. The institution provides an academic year calendar for the two semesters in advance, which allows for the incorporation of attributes for development. The calendar year is divided into two semesters, with the odd semester beginning in June and ending in October, and the even semester beginning in November and ending in April. Faculty submit four sets of question papers to the examination cell before the Universitys scheduled dates for Internal/Mid Examinations. Exams are conducted by the examination cell in accordance with the rules established by the affiliating university.

2.6 – Student Performance and Learning Outcomes

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

https://miracle.edu.in/naac/

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
01	BTech	CE	42	38	91
02	BTech	EEE	16	13	81
03	BTech	ME	47	43	92
04	BTech	ECE	36	25	70
05	BTech	CSE	78	62	80
0E	MBA	MBA	30	29	97
0F	MCA	MCA	44	25	57
58	Mtech	CSE	14	9	65
55	Mtech	ES	7	5	71

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2.7 – Student Satisfaction Survey

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

https://miracle.edu.in/wp-content/uploads/MrclFeedBack201920.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

Nill	00	00	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
Research Methdologies	ECE	06/01/2020
A workshop on Staegic Intellectual Property and Mangement	MBA	17/02/2020

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	Nill	NA
No file uploaded.				

3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
NA	NA	NA	NA	NA	Nill
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
02	00	00

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

Name of the Department	Number of PhD's Awarded
NA	Nill

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	ECE	6	06
Nill	CSE	4	04
Nill	MBA	2	03
Nill	ME	2	03
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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
BSH	1
ECE	3
CSE	2

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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
NA	NA	NA	Nill	0	0	Nill

No file uploaded.

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	Nill	Nill	Nill	NA

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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	2	7	13	32
Resource persons	Nill	Nill	2	4

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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
Awareness Program on Overseas Education	NSS UNIT	4	50

View File

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
Blood Donation Camp	Rotary Club-Vizianagaram-AP-For Organising Blood Donation Camp	Rotary Club-Vizianagaram-AP	45
Blood Donation Camp	Indian Red Cross Society-Vizianagaram-AP-For Blood Donation Camp	Indian Red Cross Society-Vizianagaram	45

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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
NSS SCHEME	NSS UNIT	Awareness Program on Overseas Education	4	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
Workshop	62	MRCL	02
On Job Training	31	MRCL	15
Internship	26	MRCL	15
Faculty Exchange	03	MRCL	01
Research	33	MRCL	01

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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
Industry Inistitute Interaction	Internships, on Job Training	Centre of Excellence in Maritime and Ship Building	30/07/2019	29/07/2020	19
Industry Inistitute Interaction	Internships, on Job Training	Miracle Metals India Pvt Ltd	16/06/2019	17/06/2020	12
Industry Inistitute Interaction	Internships, on Job Training	Miracle Software Systems	12/09/2019	11/09/2020	30

No file uploaded.

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Miracle Software	12/09/2019	Internships, on	30

Systems		Job Training	
Miracle Metals India Pvt Ltd	16/06/2019	Internships, on Job Training	12
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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
100	103.05

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with LCD facilities	Newly Added
Seminar halls with ICT facilities	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	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
ECAP	Fully	3.0	2010

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	18395	3243635	820	410000	19215	3653635
Reference Books	3416	642925	139	43600	3555	686525
e-Books	2000	19140	2000	19140	4000	38280
Journals	35	32645	10	12450	45	45095
e-Journals	2000	19140	2000	19140	4000	38280
Weeding (hard & soft)	10000	8000	3000	2500	13000	10500
CD & Video	500	1000	Nill	Nill	500	1000

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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
NA	NA	NA	Nill

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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	456	240	30	60	60	100	30	0	26
Added	20	0	50	0	0	0	0	0	0
Total	476	240	80	60	60	100	30	0	26

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

156 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
NA	-

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
140	140.48	150	156.05

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The college has created an excellent ambience for academic activities. It takes adequate care to provide the state of art physical facilities.The college has established systems and procedures for maintaining and utilizing physical, academic and support facilities. 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 Incharge(s)/workshop In-Charge(s) with the advice of HOD. Stock verification of inventory is done annually, and suitable additions carried out, in accordance with the need in classrooms and laboratories.Old and outdated equipment are discarded by standard procedure. Computers, Software's UPS: The

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 and software. Transport: There are 14 buses. The buses are plying covering all the routes for the use of staff and students. The two vans are exclusively utilized for HODs, Senior Professors and Guest speakers. 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/EEE. A senior professor in the electrical department is supported by an electrical maintenance (Manager) of the campus with the support of Electrical Engineer, Supervisor and Electricians. Library: Accommodates various departmental journals, books in print and digital form. 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 (Senior and junior) 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. The Library provides OPAC for the optimum utilization of Library resources. Links for the easy access of the subscribed and open access data bases is made available on institutional website. Physical Education: The physical education department is facilitated by the physical directors to educate the students. The marker of the department makes the play field ready for the students, by marking the ground and providing the play kits. Health Centre: The health centre of the college is governed by the Medical Officer. The Doctor is supported by a nurse. The nurse is assisted by nursing assistants. The health centre has beds and has enough space to cater the needs of the patients and it is utilized by students. Maintenance and Security: Institute environment is kept clean, green and all amenities such as water for drinking, restrooms, gardening, and power are available round the clock through dedicated housekeeping staff. The Security of the college is headed by the senior Teaching staff. He is supported by the Security officer and the sergeant.

https://miracle.edu.in/wp-content/uploads/MrclPolicyDocumentforMaintenanceofFacilities201920.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	MES Scholarship	454	5701120
Financial Support from Other Sources			
a) National	Jagan Anna Vidhya Deevena	825	2547850
b) International	Nill	Nill	Nill

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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	16/09/2019	80	Training and Placement Cell, MRCI

Remedial coaching,	01/07/2019	126	MRCL Staff
Language lab	29/07/2019	133	Training and Placement Cell, MRCL
Bridge courses	24/06/2019	69	MRCL Staff
Yoga, Meditation	21/06/2019	352	Mr D Vasu, Chaitanya Yoga and Meditation Center
Personal Counselling and Mentoring	24/06/2019	1035	MRCL Staff

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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
Nill	Career counselling	Nill	165	Nill	153
Nill	Guidance for competitive examinations	210	Nill	5	5

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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
9	9	5

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
TCS,MSS,MINDTREE	205	150	00	Nill	Nill

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to

Nill	4	B.Tech	CSE	LCE, Rampa chodavarm	M.Tech
Nill	4	B.Tech	CSE	MRCL	M.Tech
Nill	2	B.Tech	ECE	LCE, Rampa chodavarm	M.Tech-VLSI
Nill	2	B.Tech	ECE	LCE, Rampa chodavarm	M.Tech -ES
Nill	1	B.Tech	ECE	ANITS	M.Tech
Nill	1	B.Tech	CE	National Institute of Construction and Management	PGPACM

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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
Any Other	5

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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
Sports day	College	53
Freshers day	College	156
Emission	College	71
C-Cube	College	52
RACE	College	34
AWESOME	College	55
Farewell	College	109
VYUHA	College	111

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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	Runner-Volleyball	National	1	Nill	176C5A0502	R Shivagi
2019	Participation	National	1	Nill	16651A0546	M Ganesh
2019	Runner - Kabadi	National	1	Nill	176C5A0505	K Bala Krishna
2019	Runner	National	1	Nill	176C1A0556	Rahul 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)

Students are appointed to numerous academic and administrative committees to develop leadership and organisational abilities, as well as to participate actively in the institutions day-to-day academic and cocurricular activities. Academic Organizations: • Activities of the Class Monitoring Committee:Weekly reports on syllabus coverage, both in theory and in the laboratory, are reported to the HOD, who also monitors class conduct and represents any student complaints. At the start of each year, both boys and girls nominate one representative from their class. • Library Committee Activities: To provide input on library services on a regular basis and to represent the library committees requirements. At the start of each year, one student representative from each department is nominated. • Anti-Ragging Committee Activities: The student members on this committee take precautions to prevent any ragging occurrences and assist the anti-ragging committee in keeping the campus free of ragging. At the start of each year, representatives from senior students, one from each department, are nominated. • Activities of the Grievance Redressal Committee include investigating and addressing the grievances of female students and female staff members. At the start of each year, representatives from girl students, one from each year, are nominated. • Canteen Committee Activities: Provide regular feedback on the cleanliness, timeliness, quality, and pricing of food items available in the canteen. At the start of each year, one representative from each department is nominated. • Student Grievance Committee Activities: To represent students grievances to the Student Grievance Committee on academic facilities, transportation facilities, sports and games facilities, and any other student-related issues on a regular basis. At the start of each year, one representative from each department is nominated. • Student chapter activities include registering as members and participating in various professional activities such as workshops, conferences for paper presentations, specialized tests, and so on.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Miracle Educational Society Group of Institutions has its alumni association which was started in 2013 with the association of 10 members initially, and later it got registered as "Miracle Alumni Association(MAA)". MES feels proud of its Alumni association which extends its direct and indirect help to the management and to the students through various means, they foster a spirit of loyalty and the general welfare of our college. Apart from job opportunities they also conduct influential sessions on the strategic methods to meet the necessities of diverse competitive examinations for higher education like IELTS, GMAT, GRE, TOEFL, PGECET, ICET and other job oriented examinations such as RRB, SSC, Public service commissions, etc., Alumni help students in creating awareness about special scholarships and free internships available for different categories of students by government and non-government organizations based on their qualification and skills. The college alumni association has its portal/link available in college website for the fresh graduates and post graduates , who have completed their course to get registered in the portal by providing their basic information. Alumni association has been instrumental in college success and an added feather in the crown of MES.

5.4.2 – No. of enrolled Alumni:

71

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

15300

5.4.4 – Meetings/activities organized by Alumni Association :

02

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 Institution adheres to a decentralised policy. All academic and non-academic decisions are delegated by the governing body to the academic committee, which is chaired by the Principal. The academic committee of the college develops common working procedures and delegates their implementation to the department. The Department Heads supervises the day-to-day activities of their departments, such as curricular, co-curricular, and extracurricular activities in the institution. The institution also has committees such as Alumni, NSS and Blood Donation, Training and Placements, Library, Women Grievance, Career Guidance, Industry Institute Partnership Cell, Transport Cell, Exam Cell, R D Cell, Sports Cell, and so on. These committees are in favour of the academic module. The Principal, Dean, IQAC coordinator, and HODs collectively frame and decide on all policies, rules, and regulations pertaining to admission, discipline, counselling, and so on, and effectively implement the same. The IQAC conducts quality audits regularly and recommends appropriate alternative actions for challenges encountered during implementation. The Principal represents the Chief Superintendent for the college examination cell, ensuring that University and college internal examinations are smoothly conducted. For the efficient administration of internal and JNTUK exams, the Examination Cell is staffed with Examining Officers, Examining Co-ordinators, and Clerks. The Department Heads will identify and analyse the students performance at regular intervals to oversee the process of student counselling and take necessary corrective measures in their departments concerned by letter and spirit. Since the beginning of the first year, one counsellor has been assigned to every 20 students. The counsellor monitors each students academic progress and provides the necessary counselling to ensure that all students are on track and succeed in their studies. The counsellor meets with the parents of irregular and academically weak students regularly to solicit their assistance in developing their ward. The Student Personal Record is kept in a book that has been especially printed for the purpose. Faculty members are represented on several committees formed by the Principal to conduct various activities to encourage and develop students life skills and leadership skills. The student-centred approach instils participative management and drives knowledge in all spheres and horizons. Sports facilities have also been well established to provide students with holistic development. The institutions Training Placement (TP) cell provides students with intensive training for campus recruitment as well as career guidance. It also organises student recruitment drives on campus. The Entrepreneur Development Cell (EDC) and Industry Institution Partnership Cell (IIPC) aim to help students develop self-employment skills.

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	• As per norms prescribed by the Govt. Of APSCHE • 70 of the admissions are done by the Convener, EAMCET, Govt. of Andhra Pradesh. • Remaining 30 of the seats are filled by the Management based on the guidelines given by Govt. of Andhra Pradesh from time to time.
Industry Interaction / Collaboration	• On a regular basis, industrial visits and lectures by industry experts and domain experts are held. • Interaction with industry is incorporated into all courses. • Memorandums of Understanding (MOUs) are signed with reputable industries for mutual benefit via expertise exchange. • • Internships, project work, and visits to industries are assigned to students in order for them to become acquainted with industrial needs and required skills.
Human Resource Management	Faculty members and staff are encouraged to participate in self-development programmes as part of their annual evaluation by Self Appraisal Performa (SAP). • Faculty members are encouraged to pursue advanced degrees. • Organizing various Orientation programmes for staff members to improve their skills in their respective fields. • Faculty members are compensated for presenting research papers in prestigious journals, as well as for attending workshops and FDPs.
Library, ICT and Physical Infrastructure / Instrumentation	• The library has a good collection of books that meet the needs of students and faculty.Every year, new titles and volumes of text books are added by allocating the necessary budget to purchase books and journals. • Staff and students are using NPTEL web courses and video courses to improve their skills. • The digital library provides access to ebooks and other online resources. • WiFi access is available on campus. • All seminar halls and ICT classroom have computer systems, LCD projectors, and public address systems. • A sufficient number of laboratories with cutting-edge technology are available. • The necessary computational facilities, including a sufficient number of computers and peripherals, are available. • Various skill development centres are organised into domains.

Research and Development	• The college provides all research and development support, such as sanctioning duty leaves, encouraging faculty to interact with faculty from other institutions, and motivating faculty to participate in sponsored research. • A review and motivation committee for research scholars. • Financial incentives for research publications, as well as attendance at workshops, conferences, and FDPs.
Examination and Evaluation	Ongoing evaluation via various methods such as internal assessment tests, assignments, presentations, project reviews, etc. Transparency is maintained throughout the evaluation process. • An examination committee to ensure that exams run smoothly. • Assignments and interim tests are given as part of the continuous evaluation system. • Aside from University end examinations, two internal examinations are held in each semester in accordance with University standards and in a highly confidential manner. • All scripts will be evaluated at the university, and results will be announced three weeks after the examinations are completed. • Faculty are better participating in Question paper setting, scheme preparation and evaluation by the university.
Teaching and Learning	• All the Departments are well equipped with ICT-enabled facilities for teaching. • E-Library resources and online content are used by teachers where the courses need updated information. Industrial internships in renowned industries. • Training / Certification programs are provided in every semester on latest trends. • Real-time projects and internship programs are provided to faculty and students. Guest lectures / seminars / workshops on advanced topics are organized by inviting experts / resource persons for the benefit of student and faculty. • Encouraging paper presentations with the academic support and guidance of the faculty at college level, University level and national level conferences.
Curriculum Development	• As an affiliate of JNTUK, Kakinada, the institute follows the curriculum developed by the university. • Several faculty members serve on Jawaharlal Nehru Technological University

	Kakinadas course restructuring and revision committees. • Syllabus revisions are made once every three years by the affiliating university JNTUK. • Required inputs are also collected from various stakeholders such as companies that visit for placements, experts who visit the college on various occasions, alumni, etc. and incorporated in our time tables in addition to required syllabus to enhance skill among the syllabus. • The Director of Academics is responsible for overall academic growth and quality improvement. • Workload distribution based on faculty members specialisations. • • The examination committee ensures that the examinations run smoothly.

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

E-governace area	Details
Planning and Development	• The Webpros modules of the Institute helps in planning academic activities which includes Timetable, Lecture schedules and attendance, Feedback by students and all stakeholders. • This Webpros helps in the faculty subject allocation, the academic performance of the students, based on the performance distributing the students into batches for conduct the remedial class. • The Webpros allows students to select Choice Based Electives. • This Webpros system has students and an Employee Grievance module which helps in overall development of the Institute.
Administration	Administrative Webpros modules of the institute help in keeping service records of all the employees maintaining service books, promotion records, seniority etc.
Finance and Accounts	Functions of the finance and accounts are precisely defined and are strictly followed with proper accounting practices making record of each financial transactions using Webpros mechanism. • This has helps keeping records of receipt of funds, consultancy income, donations, staff salary and all types of purchases and payment of various utility bills and taxes.
Student Admission and Support	Students who desires to take admission into Convener quota are

	required to attend EAMCET counseling organized by Govt. of Andhra Pradesh. • Students who desires to take admission into Management quota and Spot admission are required to make formal application to the institute
Examination	• The Webpros of the institute has well defined modules for collecting the data related to marks of continues evaluation, semester Mid Tests, End semester marks, Result analysis.

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	NA	NA	NA	Nill
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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)
No Data Entered/Not Applicable !!!						
View File						

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
No Data Entered/Not Applicable !!!				
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
138	138	94	94

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
• Faculty members are eligible to utilize 12 casual leaves in an	• Faculty members are eligible to utilize 12 casual leaves in an	External support to get merit welfare scholarships from both

academic year. • Vacation leaves are also provided during summer. • The institution provides the Employees' Provident Fund (EPF) for teaching and non teaching. • ESI facility extended for the teaching and non teaching staff who come under the purview of the salary limits given by ESI. • Gratuity provided for the staff who are having association for more than 5 years.	academic year. • Vacation leaves are also provided during summer. • The institution provides the Employees' Provident Fund (EPF) for teaching and non teaching. • ESI facility extended for the teaching and non teaching staff who come under the purview of the salary limits given by ESI. • Gratuity provided for the staff who are having association for more than 5 years.	state and national government for all eligible students

6.4 – Financial Management and Resource Mobilization

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

The institution has its own internal audit team to conduct regular audits. In addition to that, the institution appointed an external agency to conduct the audit to authenticate the entire recurring and non-recurring capital expenditure of the Institution each year. A qualified staff member from our finance department has been appointed as internal auditors and they do a thorough check on each payment and voucher every quarter. The minor error pointed out by the audit team was corrected immediately. Precautionary steps are taken to avoid such mistakes in future. The Institution regularly follows internal external financial audit system.

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	NA
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6.4.3 – Total corpus fund generated

00

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	Fact Finding Committees, JNTUK	Yes	IQAC
Administrative	Yes	Fact Finding Committees, JNTUK	Yes	IQAC

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

Parents are kept up to date on their childrens attendance and progress through SMS and postal and telephone correspondence. • Informal meetings are being held to identify student-related issues. • Parental feedback is collected and

analysed in order to take additional measures. • Departments hold one-on-one meetings with parents whose children require additional support and counselling services to improve their performance. • Making valuable suggestions for the institutions development • Highlighting the shortcomings of college-related departments and suggesting solutions • Communicating viewpoints that students are too shy to express directly to the teacher.

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

• On a regular basis, training programmes are held by faculty or technical personnel from equipment/instrument suppliers to improve their skills in handling and maintaining them in laboratories. • Supporting staff are encouraged to continue their education in order to advance their careers. • Promoted to the next level of responsibility based on qualifications and skills. • Programs for personal development and stress reduction are available. • •Computer training for office personnel in order for them to handle online student admission and registration.

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

• The internet facility is enhanced from 20Mbps to 156Mbps. The campus is enabled with Wi-Fi facility and surveillance with CC cameras. • The Institution is encouraging meritorious students through Merit Scholarships. • The number of students gets benefited by these scholarships are increasing every year. • There were number of excellent outreach programs conducted by the NSS volunteers during the last five years. During the last five years the number of programs increased and number of participating students and faculty also increased. • Students are encouraged to attend certificate programs. During the last five years the number of certification program organized by the institution and the number of participation is also tremendously increased. • Number of faculty registered for Ph.D is increased than the previous years. • Campus recruitments are increasing every year. Renovation of all laboratories and academic facilities are expanded. • Continuous upgradation and procurement of computer facilities. Invited talks by distinguished speakers to motivate the students. • The students attending for the internships from all branches in the reputed companies are increasing every year. • An R.O plant of 500 LPH is provided in the campus for drinking water. • Generator (200 KVA) for power backup, UPS (20KVA ,10KVA 4KVA). • Active alumni is constituted and registered for inviting their contribution for the placement of students.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	No
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	Remedial Classes	01/07/2019	01/07/2019	15/07/2019	126
2019	Bridge Courses	24/06/2019	24/06/2019	06/07/2019	69
2019	Soft Skill Developement	16/09/2019	16/09/2019	05/10/2019	80

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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
Stri Samman And Suraksha	15/02/2020	15/02/2020	25	3
Planet 50-50 by 2030 step it up for Gender Equality	18/01/2020	18/01/2020	26	8
Stri Samman And Suraksha	29/06/2019	29/06/2019	38	7
Graffiti competition on the theme "Women in India"	22/06/2019	22/06/2019	38	3

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
65

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	5
Provision for lift	No	Nill
Ramp/Rails	Yes	8
Braille Software/facilities	No	Nill
Rest Rooms	Yes	12
Scribes for examination	Yes	2
Special skill development for differently abled students	No	Nill
Any other similar facility	No	Nill

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

2020	1	1	21/02/2020	01	Awareness on cleaning the surroundings	Cleaning the sorroundings	88
2019	1	1	21/09/2019	01	Agriculture issues to farmers	New Methods	122
2019	1	1	23/08/2019	01	Awareness on Rain Water Harvesting	Need of Envirinment resourses for future generations	98
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code of Conduct	17/06/2019	1. Students and staff must wear and display visibly their Identity Cards during college hours inside the campus. 2. Student must be in their classes and take their seats at the beginning of each period. They must not enter or leave the class room without permission. 3. Students and staff are required to check the Notice Board for important announcements. 4. Students and staff are expected to be formally and decently dressed while in the college. 5. Indulging in or abetment of ragging is a punishable offence and may lead to expulsion from the college.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Peace, Freedom and Social Progress	08/07/2019	08/07/2019	53
Human Dignity	23/12/2019	23/12/2019	64
Morality to Human Senitiment	10/02/2020	10/02/2020	55

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

• More than 40 of campus lighting is provided through the LED. • In the path towards "Reduce, Reuse and Recycle", the institute has set a solid, liquid and e-waste management system. • Rainwater harvesting is also planned through multiple pits. • Landscaping is maintained on the campus to create an eco-friendly environment. • Institute practices plastic-free and paperless office along with pedestrian and bicycle-friendly environment.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice - I Title: DIGITAL SUMMIT: Objectives of the program: Digital summit will be hosted in December to showcase the investment potential of Andhra Pradesh in IT with a special focus on Visakhapatnam and availability of digital technology professionals for employment The context: DIGITAL SUMMIT:(Availability of digital technology professionals for employment) It is being organised under the AP Cloud initiative launched by Miracle Educational Society and Miracle Software Systems, Inc which has offices in the United States and campuses at Visakhapatnam and Bhogapuram. The summit brings together students, academicians, technologists, executives and NRIs with technical talks by Microsoft, IBM and Oracle, a 24-hour code-a-thon, a 2-day job fair and loads of fun activities all focussed on Digital Transformation technologies. The Main Aim of the Digital summit is to transfer one lakh graduates into digital technology professionals across the state. Certificates are issued after undergoing training. It aims to build digital technology by creating professionals in the internet of things, big data analytics, cognitive computing etc. The Practice: Digital summit is organised every year for one week in December. Activities include 24 hrs Hackathon, Expert talks, Live models exhibition, Panel discussions, Job fair, and cultural events. APcloud and miracle software systems play important role in Digital summit. The Digital summit will be attended by 120 senior executives from MSS Microsoft, IBM, Amazon, Oracle and several US and UK based fortune 2000 companies. Around 3000 students will be representing various engineering colleges and universities across the state. The summit would create awareness among 2000 fortune companies about Vizag and the progress so far made in the space of digital technologies, The two locations of miracle in Visakhapatnam and Bhogapuram provide jobs to 2000 and they are in the process of creating jobs to 1000 by expanding campus at Rushikonda in the city. The summit will focus on talent and resource pool (niche skills) availability and project how investment opportunities were available in IT and the efforts made so far for a comprehensive ecosystem. The summit will ensure that the foreign delegates know about the dream to develop a corridor envisaged on the lines of silicon valley in the nearly 974 km coastline of Andhra Pradesh. Impact of the practice: Digital Summit is all about educating professionals and students about the importance of Digital Transformation, and also the opportunities that are available in this space. Digital Transformation has emerged as the most transformative means to ignite sustainable growth and improve society. Digital transformation will not only force you to do different things, but also to do things differently. Digital transformation is no longer just about marketing transformation, its about business transformation. Imparts new business mantras that need to be introduced and which should become a part of everyone's thinking. It allows the organizations to reinvent themselves to ensure that they can sustain and progress. Exposure to new trending technologies Hands-on experience about the technologies Improvement of social relations. Awareness of Job orientation activities. Digitally empowers every citizen which enhances the quality of life. Accelerates economic competitiveness Boost local innovation

and make the state, a (which hub) hub of the country for knowledge and technology. Hackathon has organised 4 centres in AP for screening of 25 teams for finals.24 hrs code-a-thon is conducted during Digital summit and winners, runners are awarded Rs 25000 and Rs 15000 cash awards. All best performers are offered jobs by miracle software systems. All work and no play makes jack a dull boy. we provide a chance for individual talent to showcase their cultural skills. From Mimicry to Dance Singing to Magic - we encouraged every talent in our state for few hours of relaxation through Hungama@Digital Summit. Problems encountered and resources required: As there is no participation fee, Seriousness among some of the students creates an unhealthy environment that has to contained supervision. Conducting at remote locations brings in transportation facility burdens. Providing hostel accommodation is a big challenge for team miracles. Best Practice - II Title: Earn while Learning Objective of the Practice: The objective of this practice is to focus on skill development and career paths for the young Management graduates for business, industry. Helps inculcate in the students values of hard work and dignity of labour. To develop and maintain a highly skilled, employment-ready workforce that supports and enhances the economic health of every individual student. To train the students in the field of English communication skills, soft skills, interpersonal and intrapersonal skills and preparing them to work with teams in MNCs. To develop a best-in-class learning management system and placement and tracking mechanism. Provides opportunities to students to earn while learning to meet their expenses. Exposure of the student to the real-time working environment before getting a job. The Context: The students are from vernacular backgrounds that have come from villages. It is necessary to impart the required skills for employability. To serve the needs of various industrial units, training the students to improve employability, placement of students Making the students, from a rural background, come out of their mother tongue influence is a very big challenge. Improvement of communication skills in the English language is a prerequisite in the present multi-cultural corporate world. The earn while learn program initiated by Miracle Educational Society with help of MSS provides opportunities to students to earn while they are learning through part-time jobs and entrepreneurial projects thus preparing them to shoulder professional assignments with relative ease. Part-time jobs are provided by miracle software, miracle metals, miracle milk products nearer to college. After college hours free hostel, free food and 4000 Rs per month and incentives based performance. The Practice Earn while learn was a successful program for PG students for the past 10 years. It helped them to know the working scenario without disturbing academic classes. MES and MSS part-time jobs helped their career growth. Various part-time job opportunities are provided to the students within the city of miracle as the software company locates within a 2-kilometre radius from the college. The part-time student employees could work as Business entrepreneurs with the necessary guidance and resources to initiate and run their entrepreneurial ventures as well as provides for incubation of their business ideas. Evidence of Success Gives students hands-on experience and confidence thereby prepares them better for taking up jobs in future. Adds value to the resume of the students. Enables the students to explore their subject preferences and develop them into a career. Helps to exploit the immense potential of students as a valuable human resource. Prospers belonging and encourages the involvement of the students in the management and development of the college. Helps to channelize the in exhaustive energy of the young students into positive activities. Problems encountered resources required: 1. Many students are from villages with poor communication skills and a lack of industry knowledge becomes a tough job for the faculty to mobilize and create most inert. 2. Some students, especially girl students from a rural background, are having the least awareness. Due to this, they are not serious during the training period. 3. Part-time jobs have to stay in the hostel due to distance from their home town. 4. All students

want part-time jobs - merit basis part-time job issued. 5. Working as per USA timings in night shifts became a challenge to students. 6. Managing studies exams along with job-related work is a real challenge to students

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

https://miracle.edu.in/wp-content/uploads/MrclBestPractice201920.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

MIRACLE EDUCATIONAL SOCIETY GROUP OF INSTITUTIONS (MES) has risen to the pinnacle of the educational arena in a very short period. It has become a force to be reckoned with in the field of technical education, producing engineers capable of meeting the challenges of todays rapidly changing industry. Since its inception in 2009 under the auspices of Miracle Software Systems, the institutions have drawn students from all over the world. High academic standards, stringent internal evaluation, technically sound faculty, and a vibrant student community all contribute to MESs popularity among engineering students. MIRACLE EDUCATIONAL SOCIETY GROUP OF INSTITUTIONS (MES) aims at developing high-quality students with a sound footing on basic engineering principles, technical skills, innovative research capabilities and exemplary professional conduct. The student at MES is moulded in such a way that they adapt effortlessly the rapidly changing technological environment and make use of their abilities for the benefit of the organizations they serve. • Institute provided inclusive technical education so that a deserving student is not denied an opportunity for technical education solely on socio economic constraints. • Institute provided holistic education to develop skills, knowledge and values. Institute is closely working with integrated Software park. • Institute is having an association with various MNCs (Miracle Software Systems Inc, OpenLogix, IT Lokam Services, CNE Inc, Miracle Metals) etc.. • Institute is collaborating with Miracle Software, Organising Digital Summit every year in December by arranging expert talks, Modern Exhibition, Job Fair, Hackthan, Cultural events etc.. • Institute makes students readily acceptable to the corporate world and promotes entrepreneurship. • Institute Disciplinary Committee to look into the in disciplinary Acts Ragging. • Institute Provides Power backup given on the campus with good 200 KVA Generator and HT Line • Institute provides the student NSS wing is active to imbibe strong Social values in our Students. • Institute Possess 500 seats AC digital Auditorium and E-Class rooms. • Institute Promotes significant career guidance programs arranged to guide rural area students by arranging campaigns nearby villages. Institute carried out by various Social events for enrichment of students. • The institute provides free bus transportation to faculty and staff, as well as half-price bus transportation to students. • A total of 25 buses cover the entire state of North Andhra from various locations across the three districts. • The institute gives students the training they need to build and develop competencies for placement. • The Institute organises Blood Donation Camps, as well as various personality development and career development services. • By providing free transportation and food, the Institute organises free software courses for local students. All of the above-mentioned efforts made by the institution result in an appreciable overall performance of the students by ensuring academic excellence through value-based education with strong industry support, ultimately paving the way to sustainable development and the realisation of the institutions Vision.

Provide the weblink of the institution

https://miracle.edu.in/wp-content/uploads/MrclInstitutionDistinctive201920.pdf

8.Future Plans of Actions for Next Academic Year

1. Establishing Skill Development Center(SDC) which are identified by MHRD , QIP Center and Incubation Center 2. To establish Centre of excellence in one or more thrust areas. 3. To seek Permanent Affiliation status / NBA Accreditation for all programmes 4. Starting New Post Graduate Programs 5. New Block for PG Studies 6. Collaboration with foreign universities. 7. To establish MOUs with National/International, academic/research organizations. 8. To conduct International Conference for the Faculty, Research Scholars and P.G. Students