

## **Part – A**

### **Data of the Institution:***(data may be captured from IQA)*

**1. Name of the Institution:** MVR College of Engineering & Technology

- Name of the Head of the institution : Dr. P V Naganjaneyulu
- Designation: PROFESSOR & PRINCIPAL
- Does the institution function from own campus: YES
- Phone no./Alternate phone no.:
- Mobile no.: 8498037777
- Registered e-mail: principal@mvrcoe.ac.in
- Alternate e-mail :
- Address : Besides Hanuman Statue, NH-9, Paritala
- City/Town : Vijayawada Rural
- State/UT : Andhra Pradesh
- Pin Code : 521180

**2. Institutional status:**

- Affiliated / Constituent: Affiliated
- Type of Institution: Co-education/Men/Women: Co-education
- Location : Rural/Semi-urban/Urban: Rural
- Financial Status: Grants-in aid/ UGC 2f and 12 (B)/ Self financing: Self Financing
- Name of the Affiliating University: Jawaharlal Nehru Technological University-Kakinada
- Name of the IQAC Co-ordinator : Dr. N Siva Surendra
- Phone no. :  
Alternate phone no.:
- Mobile: 9885385676
- IQAC e-mail address: iqac@mvrcoe.ac.in
- Alternate Email address:

**3. Website address:** www.mvrcoe.ac.in

Web-link of the AQAR: (Previous Academic Year): www.mvrcoe.ac.in/aqar2016-17

**4. Whether Academic Calendar prepared during the year?**

Yes/No....., if yes, whether it is uploaded in the Institutional website: yes

**5. Accreditation Details:**

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1 <sup>st</sup>	A	3.09	2016	from:25/05/16 to: 24/05/21

**6. Date of Establishment of IQAC:** DD/MM/YYYY: 01/06/2014

## 7. Internal Quality Assurance System

7.1 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
Academic Audits	Monthly	07
Participation in NIRF	Yearly	03
Submission of Data to AISHE	Yearly	02

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
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9. Whether composition of IQAC as per latest NAAC guidelines: Yes/No: Yes

\*upload latest notification of formation of IQAC NA

10. No. of IQAC meetings held during the year: 04

The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website.....

Yes/No : YES

(Please upload, minutes of meetings and action taken report)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year? Yes No

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

- Achieve autonomous status.
- Proper planning of the syllabus and proper execution of the planning.

13. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
Achieve NBA accreditation	Achieved
Participation in NIRF	Participated
Submission of Data to AISHE	Submitted

14. Whether the AQAR was placed before statutory body? Yes /No: Yes

Name of the Statutory body: IQAC Date of meeting(s): 2<sup>nd</sup> April 2018

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

Yes/No: Yes

Date: 13<sup>th</sup> August, 2017

**16.** Whether institutional data submitted to AISHE: Yes/No:Yes

Year: 2016

Date of Submission: 3<sup>rd</sup> March 2018

**17.** Does the Institution have Management Information System?

**Yes Partial No**

## 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

MVR College of Engineering & Technology has a structured format for planning the curriculum for each course in the semester prepared by individual faculty with a very minute level (both topic wise and teaching wise), with the guidelines given by IQAC of the college. Once the preparation of curriculum planning is done it is monitored by the respective course coordinator, then module coordinator, and gets approved by the head of the department. Then which undergoes a rigorous supervision of the IQAC every fortnight, if found any deviation in the curriculum planning IQAC takes necessary steps to keep the course in right track.

1.1.2 Certificate/ Diploma Courses introduced during the Academic year

Name of the Certificate Course	Name of the Diploma Courses	Date of introduction and duration	focus on employability/ entrepreneurship	Skill development
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#### **1.2 Academic Flexibility**

1.2.1 New programmes/courses introduced during the Academic year

Programme with Code	Date of Introduction	Course with Code	Date of Introduction
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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	UG	PG	Date of implementation of CBCS / Elective Course System	UG	PG
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Already adopted (mention the year)

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

	Certificate	Diploma Courses
No of Students	---	---

#### **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
Workshop on architecture	27-12-2017	<b>163</b>
Workshop on software's used in civil engineering	13-12-2017	<b>92</b>
Guest lecture –I	25-07-2017	<b>40</b>
Guest lecture –II	05-09-2017	<b>38</b>
Automation	18-09-2017	<b>65</b>
Saura samartana	21-12-2017	<b>83</b>

1.3.2 Field Projects / Internships under taken during the year

Project/Programme Title	No. of students enrolled for Field Projects / Internships
Summer mini project	<b>10</b>
Summer internships	<b>50</b>
Polavaram internship	<b>110</b>
Soma constructions	<b>16</b>
Locoshed	<b>28</b>
Substation	<b>05</b>

#### **1.4 Feedback System**

1.4.1 Whether structured feedback received from all the stakeholders.

1) Students	2) Teachers	3) Employers	4) Alumni	5) Parents
Yes	Yes	Yes	Yes	Yes

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

The institution collects the feedback on curriculum aspects and courses from different stakeholders such as the students, alumni, Faculty and Employers. Institution established Academic Council in order to ensure and analyze the academic excellence at student and faculty levels. Periodical analysis is made by Academic Council from the following: student performance, faculty performance in every semester, utilization of infrastructure and requirements for quality enrichment. MVR College of Engineering thoroughly reviews the curriculum for every academic year. The college maintains an IQAC as a quality consistence and quality enhancement measure. In supervision of IQAC, various departments and committees like Career Guidance, Anti-Ragging and Sexual Harassment Committee, etc reinforce the curriculum by incorporating updated information and diurnal social issues.

The college conducts annual Alumni Meet, in which suggestions and feedback is received from Alumni students. Feedback from industrial management, R & D establishments and professionals is obtained through college website's feedback blog. The provided feedback data is presented to the Academic Council Meeting for necessary implementation in curriculum. Alumni surveys are conducted during alumni interaction at the alumni association meeting— held every year Whenever any alumni visits the college, feedback is taken.

**CRITERION II -TEACHING-LEARNING AND EVALUATION****2.1 Student Enrolment and Profile****2.1.1 Demand Ratio during the year**

Name of the Programme	Number of seats available	Number of applications received	Students Enrolled
<b>U.G.</b>			
Civil – First Year	<b>120</b>	<b>46</b>	<b>46</b>
Electrical – First Year	<b>60</b>	<b>19</b>	<b>19</b>
Mechanical – First Year	<b>120</b>	<b>31</b>	<b>31</b>
Electronics & Communications Engineering – First Year	<b>120</b>	<b>86</b>	<b>86</b>
Computer Science & Engineering – First Year	<b>60</b>	<b>29</b>	<b>29</b>
<b>P.G.</b>			
Transportation – First Year	<b>24</b>	<b>23</b>	<b>23</b>
Structural – First Year	<b>24</b>	<b>9</b>	<b>9</b>
Power Electronics & Drives – First Year	<b>24</b>	<b>7</b>	<b>7</b>
Thermal Engineering – First Year	<b>24</b>	<b>6</b>	<b>6</b>
Communications & Signal Processing – First Year	<b>24</b>	<b>3</b>	<b>3</b>
Computer Science & Engineering – First Year	<b>24</b>	<b>3</b>	<b>3</b>
MBA	<b>108</b>	<b>71</b>	<b>71</b>

**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 full time teachers available in the institution teaching only UG courses	Number of full time teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
<b>2017-18</b>	<b>211</b>	<b>122</b>	<b>174</b>	<b>12</b>	<b>12</b>

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

Number of teachers on roll	Number of teachers using ICT (LMS, e-Resources)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
198	198	Wifi enabled campus	--	--	NPTEL Videos, MOOCS, COEERD, Animated Videos from Youtube

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

The College Maintains Mentoring System with a name Campus Academic Mentorship Programme (CAMP) for proper guidance, counselling, and overall development of the student. Each faculty is allotted with 15 students throughout his/her four years course who takes care in all 360 degrees of the ward.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor: Mentee Ratio
<b>1244</b>	<b>198</b>	<b>1:6</b>

**2.4 Teacher Profile and Quality**

<b>2.4.1 Number of full time teachers appointed during the year</b>				
No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
	<b>18</b>		<b>9</b>	<b>4</b>

#### **2.4.2 Honours and recognitions 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
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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
<b>B.Tech.</b>		<b>I Semester</b>	<b>4-11-17</b>	<b>2-1-18</b>
		<b>II Semester</b>	<b>14-4-18</b>	<b>10-6-18</b>

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

After the completion of every Internal Examination, the student is made aware of his performance by the personal counselling by the subject teacher and then the same is sent to the parents to make parents aware of the performance of their wards through letters. Students with least marks are subjected to remedial/make-up classes for the individual development of the student in the subject.

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

MVR College of Engineering & Technology strictly follows the academic calendar prepared by the 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)

2.6.2 Pass percentage of students

Programme Code	Programme name	Number of students appeared in the final year examination	Number of students passed in final semester/year examination	Pass Percentage
01	Civil	42	29	69.05
02	EEE	23	18	78.26
03	Mechanical	24	14	58.33
04	ECE	46	24	52.17
05	CSE	42	27	64.29
	Structural	10	6	60
	Transportation	21	5	23.81
	PE&D	6	3	50

	CS&SP	1	1	100
	CSE	2	0	0
	MBA	78	36	46.15

### **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)



**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 Academic year
Major projects	--	--	--	--
Minor Projects	--	--	--	--
Interdisciplinary Projects	--	--	--	--
Industry sponsored Projects	--	--	--	--
Projects sponsored by the University/ College	--	--	--	--
Students Research Projects (other than compulsory by the College)	--	--	--	--
International Projects	--	--	--	--
Any other(Specify)	--	--	--	--
Total	--	--	--	--

**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(s)
--	--	--

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

Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category
--	--	--	--	--

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

Incubation Centre	Name	Sponsored by
--	--	--
Name of the Start-up	Nature of Start-up	Date of commencement
--	--	--

**3.3 Research Publications and Awards**

3.3.1 Incentive to the teachers who receive recognition/awards

State	National	International
--	--	--

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

Name of the Department	No. of Ph. Ds Awarded
NA	NA

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

	Department	No. of Publication	Average Impact Factor, if any
National	--	--	--
International	--	52	--

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	No. of publication
Civil	20
EEE	04
Mechanical	02

ECE	17
CSE	05
S&H	01
MBA	03

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
--	--	--	--	--	--	--

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication
--	--	--	--	--	--	--

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

No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops	--	11	--	--
Presented papers	--	--	--	--
Resource Persons	--	--	--	--

**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 co-ordinated such activities	Number of students participated in such activities
International Yoga day	NSS	06	179
Independence day	NSS	07	189
Solar Intiation	NSS	06	64
Blood Donation camp	NSS	06	185
Eye checkup camp	NSS	06	196
Energy conservation week	NSS	07	65
Republic day	NSS	06	205
Best from waste	NSS	06	120
Butter milk distribution program	NSS	06	25
Tree plantation	NSS	06	128

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	No. of Students benefited	
--	--	--	--	
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 <b>coordinated</b> such activities	Number of students participated in such activities
--	--	--	--	--
<b>3.5 Collaborations</b>				
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	
--	--	--	--	
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 ( <b>From-To</b> )	participant
Placements	Placements	Oompfh Solutions	2014-2020	4 <sup>TH</sup> YEAR STUDENTS
Abroad Education	Abroad Education	Top Notch	2014-2021	4 <sup>TH</sup> YEAR STUDENTS
Training	Training	Innate Solutions	2015-2025	4 <sup>TH</sup> YEAR STUDENTS
Training & Placements	Training & Placements	Mahindra Namaste	2016-2017	4 <sup>TH</sup> YEAR STUDENTS
Training	Training	Globarena	2016-2018	4 <sup>TH</sup> YEAR STUDENTS
Skill Development	Skill Development	APSSDC	2016-2020	4 <sup>TH</sup> YEAR STUDENTS
Training	Training	Unearth Systems	2014-2020	4 <sup>TH</sup> YEAR STUDENTS
Placements	Placements	JKC(Jawahar Knowledge Center)	2014-2020	4 <sup>TH</sup> YEAR STUDENTS
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 and Activities	Number of students/teachers participated under MoUs	
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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
Lab Equipment	201575
Furniture & Fittings	35000
Refrigerators & Air Conditioners	36000
Electrical Lab Equipment	302100
Printers	
Library Books	161207
Building (Work in Progress)	5600483
Total	6034265

## 4.1.2 Details of augmentation in infrastructure facilities during the year

Facilities	Existing	Newly added
Campus area	10.81	--
Class rooms	39	4
Laboratories	50	--
Seminar Halls	04	--
Classrooms with LCD facilities	25	--
Classrooms with Wi-Fi/ LAN	12	NIL
Seminar halls with ICT facilities	03	--
Video Centre	--	--
No. of important equipments purchased ( $\geq$ 1.0 lakh) during the current year.	--	--
Value of the equipment purchased during the year (Rs. in Lakhs)		185000
Others	--	--

**4.2 Library as a Learning Resource**

## 4.2.1 Library is automated {Integrated Library Management System -ILMS}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
New Gen Lib	Fully		2014

## 4.2.1 Library Services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	18272	6395200	1631	570850	19903	6966050
Reference Books	1005	351750	142	49700	1147	401450
e-Books	DELNET	81075			DELNET	81075
Journals	52	114000			52	114000
e-Journals	DELNET-11500	61075			DELNET-11500	61075
Digital Database	2200	110000	200	10000	2400	120000
CD & Video	600		100		700	
Library automation	Newgenlib	Open source		Open source	Newgenlib	
Weeding (Hard & Soft)						
Others (specify)						

**4.3 IT Infrastructure**

## 4.3.1 Technology Upgradation (overall)

Total Computer	Computer	Internet	Browsing Centres	Computer	Office	Departments	Available band width (MGBPS)	Others

	rs	Labs			Centres				
Existing	452	8	Net links & My guru	2	2			56mbps	
Added	-	-	-	-	-	-	-	-	-
Total	452	8	Net links & My guru	2	2			56mbps	

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

56 MBPS

#### 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
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#### 4.3.4 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
--	--	--	--

### 4.4 Maintenance of Campus Infrastructure

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

Assigned budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
4000000	3999008	35000000	31418292

#### 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)

**Civil Maintenance:** The civil maintenance is headed by the Teaching Faculty. He is in charge of four divisions, water and sewage, building, carpentry and Gardening. Each division is headed by a supervisor and is employed by respective skill workers.

**Laboratory Equipment:** The equipment and machineries in the laboratory/workshop are maintained by the lab In-charge(s)/workshop In-Charge(s) with the advice of HOD .

**Computers, Software's& UPS:** The computers are maintained in the Institution providing the integrated IT services like smooth running of automation, up-gradation and maintenance of automation package, college website, biometric services, troubleshooting of hardware, networking equipments including internet connectivity, procurement of hardware, software.

**Vehicles:** Transport There are 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 24\*7 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 :** 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.

**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 center 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 center has beds and has enough space to cater the needs of the patients and it is utilized by students.

Security: The Security of the college is headed by the senior Teaching staff. He is supported by the Security officer and the sergeant. Security officer assigns the duty to the security guards to control and monitor the college the premises. The sergeant takes care of the cleanliness inside the college with the support of Housekeepers and sanitary workers.

**CRITERION V - STUDENT SUPPORT AND PROGRESSION****5.1 Student Support****5.1.1 Scholarships and Financial Support**

	Name /Title of the scheme	Number of students	Amount in Rupees
Financial support from institution	--	--	--
Financial support from other sources			
a) National	--	--	--
b) International	--	--	--

**5.1.2 Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,**

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Mentoring	2008	All	College staff
Remedial classes	2008	Slow learners	Hostel students
Yoga	2015	All	RK mission
Skill Development	2015	3 <sup>rd</sup> & 4 <sup>th</sup> Years	Innate
Meditation	2016	All	Staff
Soft skills	2016	4 <sup>th</sup> years	Uneath

**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 by Guidance for Competitive examination	Number of benefited students by Career Counselling activities	Number of students who have passed in the competitive exam	Number of students placed
2017-18	CRT	--	25	--	180

**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	No. of grievances redressed	Average number of days for grievance redressal
02	02	01

**5.2 Student Progression****5.2.1 Details of campus placement during the year**

On campus			Off Campus		
Name of Organizations Visited	Number of Students Participated	Number of Students Placed	Name of Organizations Visited	Number of Students Participated	Number of Students Placed
365 innovations	51	7	Kochar	23	5
Advent global	63	8	Tech tycoon	13	5
Hrh next	86	14	Tata bss	62	10
Aliens	56	10	B r concepts	54	5
Jhonson lifts	23	2			
Cistron	61	6			
Vertex	51	6			

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of Programme admitted to
2017-18	1	B.Tech	Civil	Usharama	M.Tech
2017-18	1	B.Tech	Mech	PVP	M.Tech
2017-18	4	B.Tech	ECE	MS Ramaiah	M.Tech

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	No. of Students selected/ qualifying	Registration number/roll number for the exam
NET	--	--
SET	--	--
SLET	--	--
GATE	--	--
GMAT	--	--
CAT	--	--
GRE	--	--
TOFEL	--	--
Civil Services	--	--
State Government Services	--	--
Any Other	6	IELTS

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

Activity	Level	Participants
Tecno-Cultural	International	520

### 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/ International	Sports	Cultural	Student ID number	Name of the student
2017-18	I PRIZE	NATIONAL	VOLLEYBALL	--	TEAM	--TEAM
	IIPRIZE	NATIONAL	KABADDI		TEAM	TEAM
	II PRIZE	NATIONAL	CRICKET		TEAM	TEAM

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

College creates a platform for the active participation of the students in the various academic & administrative bodies including other activities. This empowers the students in gaining leadership qualities, rules, regulations and execution skills. Each council has a representative council, which is called Class Committee and includes Its selection, constitution, activities and funding

The student members bring forward the views and suggestions of the entire class with student members too. The composition of student members is of one topper, one average and one slow learner (respect to the faculty, subjects, syllabus and other things related to the class. the one who has more integrity with other students) of each section are nominated as The Student Council helps students share ideas, interests, and concerns with lecturers class representatives, for all the sections from I Year to Final Year. They often also help raise funds for -wide activities, including social Various programs like paper presentations, workshops and seminars are organized by events, community projects, helping people in need and college reform. these bodies every year

### 5.3 Alumni Engagement

5.3.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details (maximum 500



words):
<b>No</b>
5.3.2 No. of <del>registered</del> enrolled Alumni: <b>1550</b>
<b>1225</b>
5.3.3 Alumni contribution during the year (in Rupees) :
<b>NIL</b>
5.3.4 Meetings/activities organized by Alumni Association :
<b>02</b>

## **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)

Decentralization Institute has a mechanism for delegating authority and providing operational autonomy to all the various functionaries to work towards decentralized governance system.

1. Principal Level : The Governing Body delegates all the academic and operational decisions based on policy to the Academic Monitoring Committee headed by the Principal in order to full fill the vision and mission of the institute. Academic Monitoring Committee formulates common working procedures and entrusts the implementation with the faculty members.

2. Faculty Level: Faculty members are are given representation in various committees/cells and allowed to conduct various programs to showcase their abilities. They are encouraged to develop leadership skills by being in charge of various academic, co-curricular, and extracurricular activities. They are given authority to conduct industrial tours and to have tie up with industry experts and appointed as coordinator and convener for organizing seminars/workshops/conferences/FDPs. For effective implementation and improvement of the institute following committees are formed. Other units of the institute like sports, library, store etc. have operational autonomy under the guidance of the various committees/cells

3. Student Level: Students are empowered to play an active role as a coordinator of co-curricular and extracurricular activities, social service group coordinator.

4. Participative management: The institute promotes a culture of participative management by involving the staff and students in various activities. All decisions of the institution are governed by management of facts, information and objectives. Both students and faculties allowed expressing themselves of any suggestions to improve the excellence in any aspect of the Institute.

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

Yes/No/Partial:

**Partial**

### **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):

❖ Curriculum Development: It is deployed through different systems available in the College. The effectiveness of deployment is reviewed through a student performance appraisal system and other review processes.

❖ Teaching and Learning:

❖ Student centred approach in teaching and learning.

❖ Strengthen the facilities of library (including digital library)

❖ Promote interdisciplinary and collaborative teaching and learning

❖ Process To improve learning plan for students

❖ Examination and Evaluation

❖ MVR College follows semester based system. Semester system promotes continuous learning and inculcates regular studying habits among the students. The students get an opportunity to learn more using the continuous learning method. The students do not keep the things for last one month and would learn throughout the semester. The teacher could be more focused as the number of classes is limited and they have to deliver best in the given time. They get newer challenges and have to be innovative. The advantages of this system are well established and it is proven that the amount of learning is much more than regular annual system Our aggressive plan to recruit research-focused faculty members continues to gain traction. In the last few years, we have made several faculty offers and glad to share that a significant number of them have doctorals, experience from the

leading institutes. Going forward, we propose to empower existing faculty in various ways to ensure they contribute to growth and excellence.

- ❖ Library, ICT and Physical Infrastructure / Instrumentation:
- ❖ YES

- ❖ Human Resource Management

MVR College of Engineering has placed emphasis on the cultivation of strong links with industry and promotion of various industrial activities by the faculty members and students.

The Industry Interaction Cell facilitates exchange of ideas amongst students, faculty, and the industry. The prime objective of this cell is to strengthen the relationship between the institute and industry resulting in a mutually beneficial partnership. This Cell is very keen in collaborating with industrial organizations for working on various problems of mutual interest by entering into MoU's,

Faculty development programs,  
Research and Development Projects.

Industrial visits,

Training students in association with industry,

### 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
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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	Dates (from-to)	No. of participants (Teaching staff)	No. of participants (Non-teaching staff)
2017-18		Professional Ethics	10-10-2017	100	60

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	Date and Duration (from – to)
3	8	3days

6.3.4 Faculty and Staff recruitment (no. for permanent/fulltime recruitment):

Teaching		Non-teaching	
Permanent	Fulltime	Permanent	Fulltime/temporary
--	180	--	55

6.3.5 Welfare schemes for

Teaching	GSLI
Non teaching	PF
Students	Insurance

### 6.4 Financial Management and Resource Mobilization

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

Institute conducts internal audits in presence of IQAC, AO & Principal. External audits by M/s. Brahmaiah&Co.

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/ Grants received in Rs.		Purpose
--		--		--
6.4.2 Total corpus fund generated 70419686				
<b>6.5 Internal Quality Assurance System</b>				
6.5.1 Whether Academic and Administrative Audit (AAA) has been done?				
Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	--	Yes	IQAC
Administrative	No	--	Yes	IQAC
6.5.2 Activities and support from the Parent – Teacher Association (at least three)				
<p>The PTA of the College is playing a pivotal role in the efficient functioning of the College. The Principal is the President of the PTA. There are five representatives of the parents. There are five members representing the teachers in the Committee. The PTA is very active in giving all kinds of support and assistance towards the development of the College.</p> <p>The PTA executive hold regular meetings to discuss matters relating to the progress of the College. At least three general body meetings are held every year and extra ordinary meetings are held as and when required. Parents’ meeting on class basis are also convened to analyze the performance of each student in the curricular and co-curricular activities</p>				
6.5.3 Development programmes for support staff (at least three)				
<p>-Take responsibility for their own professional development through the opportunities available to them</p> <p>Continually reflect upon their own practice,</p> <p>improve their skills and deepen their knowledge and understanding</p> <p>Adapt their practice to take account of new findings, ideas and technologies</p> <p>Support their colleagues in achieving and maintaining high professional standards</p> <p>Be fully committed to sharing their own expertise and insights</p>				
6.5.4 Post Accreditation initiative(s) (mention at least three)				
<b>6.5.5</b>				
a. Submission of Data for AISHE portal : Yes				
b. Participation in NIRF : Yes				
c. ISO Certification : No				
d. NBA or any other quality audit : certified				
6.5.6 Number of Quality Initiatives undertaken during the year				
Year	Name of quality initiative by IQAC	Date of conducting activity	Duration (from-----to-----)	Number of participants
2016-17	Academic & Administrative Audit	Monthly		07
2016-17	Submission of Data to AISHE	Yearly		02
2016-17	Participation in NIRF	Yearly		03
2016-17	To be accredited by NBA	Weekly		08

<b>CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES</b>						
<b>7.1 - Institutional Values and Social Responsibilities</b>						
7.1.1 Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)						
Title of the programme		Period (from-to)		Participants		
				Female	Male	
--		--		--	--	
7.1.2 Environmental Consciousness and Sustainability/Alternate Energy initiatives such as: Percentage of power requirement of the College met by the renewable energy sources						
College has made an Alternate arrangement for street lighting system through solar energy.						
7.1.3 Differently abled (Divyangjan) friendliness						
Items Facilities			Yes/No		No. of Beneficiaries	
Physical facilities			Yes		--	
Provision for lift			Yes		--	
Ramp/ Rails			Yes		--	
Braille Software/facilities			No		--	
Rest Rooms			Yes		--	
Scribes for examination			Yes		06	
Special skill development for differently abled students			No		--	
Any other similar facility			--		--	
7.1.4 Inclusion and Situatedness						
Enlist most important initiatives taken to address locational advantages and disadvantages during the year						
Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date and duration of the initiative	Name of the initiative	Issues addressed	Number of participating students and staff
--	--	--	--	--	--	--
7.1.5 Human Values and Professional Ethics						
Code of conduct (handbooks) for various stakeholders						
Title		Date of Publication		Follow up (maximum 100 words each)		
--		--		--		
7.1.6 Activities conducted for promotion of universal Values and Ethics						
Activity		Duration (from-----to-----)			Number of participants	
Seminar		3 <sup>rd</sup> dec 2017			253	
7.1.7 Initiatives taken by the institution to make the campus eco-friendly (at least five)						
Solar street lighting system. Usage of LED for less power consumption. Digging of soak pits for water preservation.						
<b>7.2 Best Practices</b>						
1.		Observation of other library practices by institutional visits				
2.		Environment Consciousness				
<b>7.3 Institutional Distinctiveness</b>						

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

**8. Future Plans of action for next academic year (500 words)**

To apply for autonomous status.

Name \_\_\_\_\_

Name \_\_\_\_\_

\_\_\_\_\_  
*Signature of the Coordinator, IQAC*

\_\_\_\_\_  
*Signature of the Chairperson, IQAC*

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