

G H Raison Institute of Engineering & Management, Jalgaon

The Annual Quality Assurance Report (AQAR) of the IQAC

From

1st July 2017 to 30th June 2018

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. (*Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013*)

Part – A

AQAR for the year (for example 2013-14)

2017-18

1. Details of the Institution

G.H. Raison Institute of Engineering and Management, Jalgaon

1.2 Address Line 1

Gat no. 57/1, Shirsoli Road, At Post Mohadi

Address Line 2

Tal- Jalgaon

City/Town

Jalgaon

State

Maharashtra

Pin Code

425002

Institution e-mail address

principaljal@raisoni.net

Contact Nos.

0257 2264881

Name of the Head of the Institution

Dr. Prabhakar Bhat

Tel. No. with STD Code

0257 2264881

Mobile

9881015444

Name of the IQAC Coordinator

Sonal Patil

Mobile

9011287061

IQAC e-mail address

ghriemj.iqac@raisoni.net

1.3 NAAC Track ID (For ex. MHCOGN 18879)

MHCOGN15840

1.4 NAAC Executive Committee No. & Date
 (For Example EC/32/A&A/143 dated 3-5-2004. This EC

EC(SC)/01/A&A/089 Dated 05/05/2014

1.5 Website address

www.ghriemjal.raisoni.net

Web-link of the AQAR

www.ghriemjal.raisoni.net/AQAR2017-18.pdf

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc> 1.6

Accreditation Details

Sr No	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B	2.38	2014	04 May 2019
2	2 nd Cycle				
3	3 rd Cycle				
4	4 th Cycle				

1.7 Date of Establishment of IQAC : DD/MM/YYYY

07/05/2013

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (*for example AQAR 2010-11 submitted to NAAC on 12-10-2011*)

- i. AQAR of 2014-15 was submitted on (30/10/2015)
- ii. AQAR of 2015-16 was submitted on (11/10/2016)
- iii. AQAR of 2016-17 was submitted on (20/09/2017)
- iv. AQAR of 2017-18 was submitted on (27/08/2018)

1.9 Institutional Status

University

State Central Deemed Private

Affiliated College

Yes No

Constituent College

Yes No

Autonomous college of UGC

Yes No

Regulatory Agency approved Institution

Yes No

Type of Institution

Co-education Men Women

Urban Rural Tribal

Financial Status

Grant-in-aid UGC 2(f) UGC 12B

Grant-in-aid + Self Financing Totally Self-financing

1.10 Type of Faculty/Programme

Arts Science Commerce Law PE (Phys Edu)

TEI (Edu) Engineering Health Science Management

1.11 Name of the Affiliating University (*for the Colleges*)

North Maharashtra University

1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

University with Potential for Excellence UGC-CPE

DST Star Scheme UGC-CE

UGC-Special Assistance Programme DST-FIST

UGC-Innovative PG programmes Any other (*Specify*)

UGC-COP Programmes

2. IQAC Composition and Activities

2.1 No. of Teachers

05

2.2 No. of Administrative/Technical staff

02

2.3 No. of students

3

2.4 No. of Management representatives

1

2.5 No. of Alumni

2.6 No. of any other stakeholder and community representatives

2.7 No. of Employers/ Industrialists

2.8 No. of other External Experts

2.9 Total No. of members

2.10 No. of IQAC meetings held

2.11 No. of meetings with various stakeholders

Faculty	<input type="text" value="0"/>	Non-Teaching Staff	<input type="text" value="0"/>
Students	<input type="text"/>	Others	<input type="text"/>
Alumni	<input type="text"/>		

2.12 Has IQAC received any funding from UGC during the year? Yes No

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos International National Institution Level

- ii) Themes
- 1) IoT Workshop
 - 2) Python Workshop
 - 3) Arduino Workshop
 - 4) Catia Workshop
 - 5) Ansys Workshop

2.14 Significant Activities and contributions made by IQAC

IQAC evolve mechanisms and actions to improve the academic and administrative performance of the institution by

- Preparing Annual Quality Assurance Report
- Documenting co-curriculum & curriculum activity in standard format.
- Introducing innovative methods of teaching, learning and evaluation
- Intensive training on teaching methodology.

Enhance the quality of the existing programmes provided by the college such as

- Conducted Remedial classes
- Conduction of mentorship programme
- Introduced continuous performance evaluation
- Provided training on Personality Development and Communication Skills
- Organized GATE coaching
 - Provided training on Quantitative Aptitude
 - Provided training on **IoT Workshop, Python Workshop, Catia Workshop**

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
Encouraging students to pursue Higher Education	<ul style="list-style-type: none"> • GATE Coaching facility available • Study Abroad Cell facility is available • GATE preparation material is available in library
Active participation of professional student bodies of ISTE/CSI/MESA/CESA	Various activities are regularly conducted under the professional body in every department.
Developing Research culture among students and Staff	Funds have been given to students for research projects
Conducting Guest Lecture/workshop /workshop/seminar on the topic	12 Guest lecturers and 5 workshops were conducted
Industrial and field visits should be arranged	13 Industrial Visits/ field visits arranged in all departments
Industry Interaction activities should be expanded	MoUs has been signed and active practices are continuing under that.
Submission of more proposals to funding agencies	20 Research proposals submitted to funding agencies.
Introduction of Intensive academic schemes	Open Book test is conducted for one paper in Unit Test of every year

* Attach the Academic Calendar of the year as Annexure-II.

2.15 Whether the AQAR was placed in statutory body

Yes

No

Management

Syndicate

Any other body

Provide the details of the action taken

It has been placed in IQAC

Part – B
Criterion – I
1. Curricular Aspects

1.1 Details about Academic Programmes					
	Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
	PhD	00	00	00	00
	PG (MBA)	01	00	01	00
	UG	06	00	06	00
	PG Diploma	00	00	00	00
	Advanced Diploma	00	00	00	00
	Diploma	00	00	00	00
	Certificate	00	00	00	00
	Others	00	00	00	00
	Total	07	00	07	00
	Interdisciplinary	00	00	00	00
	Innovative	00	00	00	00
1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options					
(ii) Pattern of programmes:					
	Pattern	Number of programmes			
	Semester	06+01			
	Trimester	00			
	Annual	00			
1.3 Feedback from stakeholders * Alumni <input type="checkbox"/> Y Parents <input type="checkbox"/> Y Employers <input type="checkbox"/> Y Students <input type="checkbox"/> Y					
Mode of feedback Online <input type="checkbox"/> Y Manual <input type="checkbox"/> Y Co-operating schools (for PEI) <input type="checkbox"/> -					
<i>*Please provide an analysis of the feedback in the Annexure</i>					
1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects					
Syllabus of F.E. was revised to meet the Standards of AICTE					
1.5 Any new Department/Centre introduced during the year. If yes, give details.					
NIL					

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	<table border="1"> <tr> <td>Total</td> <td>Asst. Professors</td> <td>Associate Professors</td> <td>Professors</td> <td>Others</td> </tr> <tr> <td>32</td> <td>29</td> <td>0</td> <td>1</td> <td>2</td> </tr> </table>	Total	Asst. Professors	Associate Professors	Professors	Others	32	29	0	1	2																				
Total	Asst. Professors	Associate Professors	Professors	Others																											
32	29	0	1	2																											
2.2 No. of permanent faculty with PhD	01																														
2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year	<table border="1"> <tr> <th colspan="2">Asst. Professors</th> <th colspan="2">Associate Professors</th> <th colspan="2">Professors</th> <th colspan="2">Others</th> <th colspan="2">Total</th> </tr> <tr> <th>R</th> <th>V</th> <th>R</th> <th>V</th> <th>R</th> <th>V</th> <th>R</th> <th>V</th> <th>R</th> <th>V</th> </tr> <tr> <td>97</td> <td>0</td> <td>0</td> <td>15</td> <td>1</td> <td>7</td> <td>0</td> <td>0</td> <td>98</td> <td>98</td> </tr> </table>	Asst. Professors		Associate Professors		Professors		Others		Total		R	V	R	V	R	V	R	V	R	V	97	0	0	15	1	7	0	0	98	98
Asst. Professors		Associate Professors		Professors		Others		Total																							
R	V	R	V	R	V	R	V	R	V																						
97	0	0	15	1	7	0	0	98	98																						
2.4 No. of Guest and Visiting faculty and Temporary faculty	<table border="1"> <tr> <td>0</td> <td>0</td> <td>0</td> </tr> </table>	0	0	0																											
0	0	0																													
2.5 Faculty participation in conferences and symposia:	<table border="1"> <tr> <th>No. of Faculty</th> <th>International level</th> <th>National level</th> <th>State level</th> </tr> <tr> <td>Attended Seminars/ Workshops</td> <td>50</td> <td>04</td> <td>0</td> </tr> <tr> <td>Presented papers</td> <td>10</td> <td>08</td> <td>0</td> </tr> <tr> <td>Resource Persons</td> <td>00</td> <td>00</td> <td>01</td> </tr> </table>	No. of Faculty	International level	National level	State level	Attended Seminars/ Workshops	50	04	0	Presented papers	10	08	0	Resource Persons	00	00	01														
No. of Faculty	International level	National level	State level																												
Attended Seminars/ Workshops	50	04	0																												
Presented papers	10	08	0																												
Resource Persons	00	00	01																												
2.6 Innovative processes adopted by the institution in Teaching and Learning	Multimedia teaching – Use of Smart Board, NPTEL video lectures, M.tutor, mobile apps, poster presentation, Industry interaction, role play, peer teaching, seminars etc.																														
2.7 Total No. of actual teaching days during this academic year	180																														
2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)	<p>Photo copy</p> <ul style="list-style-type: none"> • CIE is a regular evaluation system in our curriculum. In continuous evaluation, students are evaluated by university norms by conducting two Sessional exams (ISE) and practical evaluation (ICA). The marks given in ICA include attendance, journal and weekly practical performance. • ISE: To ensure uniform attention of the students of their theory course throughout each semester, ISE are conducted in each semester. Institute conducts two ISE throughout the semester ISE-I (Unit Test-I) 																														

& ISE-II (Unit Test-II) having 20 marks each. Best of two marks send to university. Schedule of ISE is given in the academic calendar at the beginning of semester or year. From this year i.e. from 2017-18, university changed the pattern of marks for ISE. This pattern is 60-40 in which ISE has 40 marks and ESE has 60 marks. For forty marks two ISEs with 20 marks each are conducted. For students who cannot perform well in both tests then retest is conducted during the semester if required.

- **ICA:** ICA is based on continuous evaluation of students' performance in practical. We have continuous evaluation for practical. The marks of practical are given on the basis of practical performance, attendance and journal or viva in regular submission. From third year onwards, every student has to undertake a semester level project and more emphasis is given to live projects or application base projects. For this evaluation, university prescribed format is followed. For seminar student are motivated to present their topics in paper presentation competition.

Institute Reforms:

University theory examination paper pattern is not divided into internal marks and external marks. It was of 100 marks. There was not internal sessional examination. However we have conducted internal Prelim University Test (PUT) of 100 marks where most of questions are from university question papers.

At the beginning, ISE question papers were based on university questions so that students can understand how to write the answers in final exam. However to cover all the concepts and to understand how to write and cover the points as per weightage of marks, institute changed the format of unit test question paper. Also from 2016-17 one question paper is set outcome based. For outcome base question paper setting, training is given to faculty members. From 2017-18, semester-II, at least one ISE for few subject, open book test will be conducted. So that it will clearly reflect outcome base. The answer sheet of unit test is as per university answer sheet format to reduce the mistakes by the students while filling the data. Term work marks are given as per average of performance in all practical out of ten, attendance out of ten and journal or oral out of five. From next semester, each practical will be evaluated on the basis of completion(C), performance (P), Involvement (I), Total (T) format.

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop:	<table border="1"> <tr> <td data-bbox="812 1646 974 1711">09</td> <td data-bbox="974 1646 1104 1711"></td> <td data-bbox="1104 1646 1266 1711"></td> </tr> </table>	09		
09				

2.11 Course/Programme wise distribution of pass percentage

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
CE	52	19 (42.22%)	23 (51.11%)	3 (6.66%)	00	44 (97.78%)
CSE	43	39 (90.69%)	00	00	00	00
E&TC	16	09 (56.25%)	05 (31.25%)	00	00	14 (87.50%)
Elex	04	02	00	00	00	02 (50%)
IT	10	10 (100%)	00	00	00	00
ME	125	99 (80%)	00	01 (2%)	00	00
Electrical	20	08	11	01	00	00

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:
Internal auditing is done in each every semester according to IQAC guidelines.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes ATTENDED IN A.Y.14-15</i>	<i>Number of faculty benefitted</i>
Refresher courses	03
UGC – Faculty Improvement Programme	--
HRD programmes	--
Orientation programmes	01
Faculty exchange programme	--
Staff training conducted by the university	01
Staff training conducted by other institutions	24
Summer / Winter schools, Workshops, etc.	07
Others (200 hr training)	--

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	02	0	02	18
Technical Staff	00	0	00	12

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

Research is the key-factor in the Institutional identity and overall grading and rating of the Institute. Innovative research gives recognition to one institute. On the contrary, the institutes which are weak in research become dependent on outside supply of the knowledge and their ranking and recognition goes down substantially.

- To facilitate improvement in research quality
- Incentive Scheme for promoting research.
- Internal funding facility
- Encouragement for externally funded projects
- Encouragement for research publication.
- Organizing technical research paper competition

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	00	05	05	00
Outlay in Rs. Lakhs	-	23.81	23.81	00

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	01	08	08	00
Outlay in Rs. Lakhs	0.64	3.61	3.61	00

3.4 Details on research publications

	International	National	Others
Peer Review Journals	55	00	00
Non-Peer Review Journals	00	00	00
e-Journals	-	00	00
Conference proceedings	21	00	00
SCI	02	00	00

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organization

Nature of the Project	Duration Year	Name of the funding Agency	Total grant Sanctioned (in Lakhs)	Received (in Lakhs)
Major projects	2	AICTE and RGS&TC	23.81	13.81
Minor Projects	-	-	-	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	2	VCRMS, NMU, JALGAON	3.65800	3.16800
Students research projects (other than compulsory by the University)	1	RGI,NAGPUR	0.45	0.45
Any other(Specify)	-	-	-	-
Total			27.918	17.428

3.7 No. of books published i) With ISBN No Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP CAS DST-FIST

DPE DBT Scheme/funds

3.9 For colleges Autonomy CPE DBT Star Scheme

INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	00	00	00	00	01
Sponsoring agencies					

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations

International

National

Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs

From Funding agency	--	From Management of University/College	15Lakhs
Total		15Lakhs	
3.16 No. of patents received this			
		Type of Patent	Status
		National	00
			00
		International	00
			00
		Commercialized	00
			00
3.17 No. of research awards/ recognitions received by faculty and research fellows of the institute in the year			
Total	International	National	State
01	01	00	-
			University
			Dist
			College
			-
3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them			
		01	
		01	
3.19 No. of Ph.D. awarded by faculty from the Institution			
		01	
3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)			
JRF	00	SRF	00
Project Fellows	00	Any other	00
3.21 No. of students Participated in NSS events			
University level	00	State level	00
National level	00	International level	00
3.22 No. of students participated in NCC events			
University level	00	State level	00
National level	00	International level	00
3.23 No. Of Awards won in NSS			
University level	00	State level	00
National level	00	International level	00

3.24 No. Of Awards won in NCC

University level	<input type="text" value="00"/>	State level	<input type="text" value="00"/>
National level	<input type="text" value="00"/>	International level	<input type="text" value="00"/>

3.25 No. of Extension activities organized

University forum	<input type="text" value="--"/>	College forum	<input type="text" value="10"/>
NCC	<input type="text" value="--"/>	NSS	<input type="text" value="--"/>
		Any Other	<input type="text" value="--"/>

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- 1) Digi Dhan Bhim App
- 2) Cybercrime awareness
- 3) Swacchata Pakhawada
- 4) Neediest donation at old age home
- 5) Celebration of NO vehicle day
- 6) Anti Tobacco Program
- 7) Road safety
- 8) Swacchata Abhiyan at historical place
- 9) Ramdevwadi tree plantation
- 10) Ladies awareness program

Criterion – IV
4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities						
Facilities	Existing		Newly created		Source of Fund	Total
Campus area	7.5acres					7.5acres
Class rooms	29		00			29
Laboratories	57		01			
Seminar Halls	08					
No. of important equipments purchased (≥ 1-0 Lakh) during the current year	00					
Value of the equipment purchased during the year (Rs. in Lakhs)	31938466		96903			32035369
Others	00		00		00	00
4.2 Computerization of administration and library						
<ul style="list-style-type: none"> Digital Soft Lib (Library Software) is used in library. AIMS software used for administration purpose 						
4.3 Library services:						
	Existing		Newly added		Total	
Text Books	19818	7309430	637	335837	20455	7645267
Reference Books	2594	1136670	59	36122	2594	1136670
e-Books	2883	00	50	00	2933	00
Journals	73	167355	11	00	84	167355
e-Journals	DELN ET,ND L	16500	00	00	DELNE T,NDL	16500
Digital Database						
CD & Video	1297	00	36	00	1333	00
Others (specify) News paper	9	13918	00	00	9	13918

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centers	Computer Centers	Office	Departments	Others
Existing	305	14	30 mbps	--	01	01	07	--
Added	100	00	10 mbps	--	--	--	--	--
Total	405	14	40 mbps	--	01	01	07	--

4.5 Computer, Internet access, training to teachers and students and any other programme for technology up gradation (Networking, e-Governance etc.)

Technology up-gradation in various operations like payroll management, biometric employee attendance, material requisition etc.
Training to teachers through live classes in Smart Classrooms via IIT-Bombay Remote Centre.
Usage of Virtual labs for practical sessions.

4.6 Amount spent on maintenance in lakhs

i) ICT	856919
ii) Campus Infrastructure and facilities	4200000
iii) Equipments	100000
iv) Others	274797
v) Total	1654716

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

IQAC is involved in formulation of Students Life Centre, Sports Club, Hobby Club, Let's Talk club are few illustration.

Let's Talk club is especially for students and by the students so that they are having platform to share their views and ideas.

We are conducting induction program for first year students naming 'Frienducation' so that students can settle themselves in environment of college and can be familiar with each other and college culture.

5.2 Efforts made by the institution for tracking the progression

Monitoring and evaluation

- Mentoring

5.3 (a) Total Number of students

UG	PG	PhD	Others
900	97	00	00

(b) No. of students outside the state

(c) No. of international students

Men Women

Last Year (2016-2017)						This Year(2017-2018)							
Gener al	S C	S T	OB C	Physicall y Challeng ed	Tota l	Gener al	S C	S T	VJ/NT	S B C	OB C	Physicall y Challeng ed	Tota l
291	46	17	522	-	876	268	56	14	85	49	525	00	997

Demand ratio 53.27 % Dropout 2.61 %

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

- GATE coaching for the student, MOU is there with Vidyalankar Classes
- GATE coaching is done at all departments by the faculty members.
- Books are also kept in library for GATE and other competitive examinations

No. of students beneficiaries

5.5 No. of students qualified in these examinations

NET SET/SLET GATE CAT
 IAS/IPS State PSC UPSC Others

5.6 Details of student counseling and career guidance

- Student counseling is done through multiple platforms viz. departments through mentorship programme, interaction program.
- At Career guidance via Placement Cell
- Study abroad cell guides the students who desire to pursue higher education in other countries.

No. of students benefitted

5.7 Details of campus placement

<i>On Campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
37	250	82	22

5.8 Details of gender sensitization programmes

- Institutional active Ladies Grievance Cell is there for guiding/motivating students and solving problems.
- The equity factor is noticeable at objective of the institution in treating everyone equally.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports: State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

	Number of Students	Amount
Financial support from institution	436	4448658
Financial support from government	609	29626712
Number of students who received International/ National recognitions	--	--

5.11 Student organized / initiatives -----**NIL**

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Institution's Vision

To achieve excellent standards of quality education by keeping pace with rapidly changing technologies and to create technical manpower of global standards with capabilities of accepting new challenges

Institution's Mission

Our efforts are dedicated to impart quality and value based education to raise satisfaction level of all stakeholders. Our strength is directed to create competent professionals. Our endeavor is to provide all possible support to promote research and development activities.

6.2 Does the Institution has a management Information System

Yes, Institution has a management Information System such as AIMS.

AIMS- Academic Institute Management System (aims.raisoni.net)

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

The Principal of the college conducts protracted meetings with the staff and department heads to develop various strategies which includes aspects such as,

- The lesson plans – each faculty has to prepare this and modify time to time.
- Resource material collections – each faculty should have such collections in a file for each subject he/she teaches.
- Training to each faculty before entering into class is a mandatory and 3 days induction training is conducted whenever faculties are appointed. This training is compulsory for experienced faculties also when they join this institute because through this they come to know the culture and expectations of the institute. For such training the RGI has experienced and trained team at corporate office, named RAHE.
- Faculties are sponsored for various other trainings such as STTP, FDP and conferences to strengthen their ability in delivering the relevant knowledge to students.
- To gain depth in subject and also to understand the better lecture delivery, the institute has purchased IIT lecture series. The access to NPTEL or collection of Mission 10X model lectures is made available. The online journals are mostly provided on IP base and hence students and faculties can access from anywhere in the campus.
- Spoken tutorials by IIT Bombay for various courses are also available.
- Faculties are provided with multimedia facilities for collection of information (high speed network and wifi at college), laptop for planning and delivering lectures, LCD projectors in class, and models for demonstrations and so on. By these the delivery

of lectures will be effective and understanding of technology will be better.

- Students have access to study materials of faculties such as power point presentations and video clippings so that they can refer back to them for better understanding of the topic learnt in class.
- Various teaching tools such as NPTEL lectures, peer teaching, case study, role playing and TPS activity are also conducted for each subject.
- External faculty auditing is also done by experts from Nagpur College (GHRCE) to verify and guide the young and less experienced faculties.
- Teachers are encouraged beforehand to impart the curriculum through innovative teaching methods such as assignments, discussions, workshops, seminars, industrial visits, computer education apart from regular/traditional teaching methods.
- At department level, meetings are conducted by HODs to develop academic plans for the coming academic year. As per the number of working days available, the syllabus is divided into units where units are composed of sub points which are to be finished by a given deadline.
- Review by HOD's and Principal regarding the syllabus covered and the difficulties of students about teaching are collected from various classes on regular and monthly basis and necessary solutions has been provided and implemented.
- Mentor system helps in regular review of teaching and for feedback on all issues concerned with students.

6.3.2 Teaching and Learning

- Senior faculties and HoDs guide the junior or new faculties regarding procedures to be followed at every place.
- College supports departments in organizing workshops, seminars, guest/expert lectures in emerging areas so that curriculum contents are taught in a better way. Expenditures are borne by institute.
- The College also encourages the teachers to participate in the Workshops/ Seminars organized by the affiliating university to update the knowledge and to improve the teaching practices. The college provides ample books and other teaching and reference material like Journals, Magazines, Teaching Models and software to enable its teachers to ensure effective delivery of curriculum.
- Faculties are sponsored for various other trainings such as STTP, FDP and conferences to strengthen their ability in delivering the relevant knowledge to students.
- Faculty gets feedbacks regularly to know their effectiveness of teaching and guidance for improvement. Staff evaluation is through students' feedback, results, communication through CR meetings and direct discussions. Faculty gets guidance through direct interaction with HoD and principal as well as from experts. For example an external audit of faculty teaching and guidance for improvement was conducted by inviting senior faculties from GHRCE Nagpur.

6.3.3 Examination and Evaluation

- We adhere to the academic schedule provided by the university.
- The college has adopted evaluation system based on university pattern. viz.
- 1) Internal test papers as per IQAC guidelines.
- 2) Open book test is conducted for one subject.
- 3) Internal assessment is awarded to the students as per the university criteria.
- 4) Student centric learning through assignments, projects, seminars and practical sessions.
- 5) The university has adopted major reform in evaluation by introducing grading system from the academic year 2012-13 and the institute has adopted the same.
- 6) College has adopted new system of evaluation of projects where a team of faculty in each department is assigned the task of monitoring and evaluation of the work. Every batch of student should present the progress of the project at month end and marks are assigned to each presentation. Due weightage is given to these marks in the final calculation of term work marks.
- 7) Same way seminar evaluation has been done. Student has to present recent innovative topic of respective branch. He/she has to thoroughly study the topic and should present the same in every month and final report should be submitted.

6.3.4 Research and Development

1. Research advisory committee has been from on 21st march 2014.

6.3.5 Library, ICT and physical infrastructure / instrumentation

Campus	Library and E-learning Resources	Ambient Class Room	GYM
• Wi-Fi Facility	• 20000+ books and 4200+ titles	• Multimedia equipped classrooms	• Butter fly (pec deck)60 kg PVC weight stack
• CCTV Secured Campus	• 500+ journals	• Continues Evaluation System	• Chest press cum shoulder press 75kg PVC weight stack.
• Language lab	• Database Service	• Interaction with the students	• Leg press machine (45angle press)
• Amphitheatre	• E-books resources	• Appropriate luminary	• High lat pully75kg PVC weight stack
• E- governance	• Spacious reading rooms	• Modernization of laboratories	• Standing Claf 75kg PVC weight stack
• Over 500 Desktops	• International & National Journals		• Low pulley 75kg PVC weight stack

	<ul style="list-style-type: none"> • Departmental Library 		<ul style="list-style-type: none"> • Leg curl cum leg extension 60kg
	<ul style="list-style-type: none"> • CD/DVD references 		Wrist curl 50 kg
	<ul style="list-style-type: none"> • Digital library 		Tricep Extension
	<ul style="list-style-type: none"> • DELLNET and ASME journals 		Twister with stand 2''*2''
			Abdominal

6.3.6 Human Resource Management

Various Human Resource Policies has been provided for teaching and non-teaching staff member to create healthy environment in the campus which is attached on separate pages in Annexure.

6.3.7 Faculty and Staff recruitment

The faculty and staff recruitment in the institute is as per AICTE norms & recruitment process as per university norms. For recruitment of staff member proper advertisement is printed in News papers.

6.3.8 Industry Interaction / Collaboration

IIPC cell is present in institute and it organizes various activities.

6.3.9 Admission of Students

Admission procedure as per norms

- College follows the guidelines of Directorate of Technical Education, Mumbai in admission process.
- College conveys procedure like hoardings at prime location, advertisement in paper, website, etc. The admission brochure of DTE carries information about college.
- Also by participating in educational fairs, seminars, career counseling programs and by linking with schools and colleges.
- Admission procedure is displayed on college notice board and a team for admission is formed which attends the queries students and parents.
- In admission the mouth to mouth convey of message has high importance and our well wishers, students and staff are normally contacted by admission seekers.

6.4 Welfare schemes for

Teaching	<ol style="list-style-type: none"> 1. Study Leave: - will be granted to the sponsored staff for pursuing Higher Qualification like M.E./M.Tech./Ph.D. 2. Sponsorship of International Conferences & National Conferences.
----------	---

	3. Various workshop, seminars are organized for development & enhancement of staff.
Non teaching	1. Study leave will be granted to non teaching staff for enhancing qualifications on the day of examination only. And also giving concession in fees. 2. The initiatives taking LIC policy to indemnify employee against unfortunate domestic calamity wherein RGI bears the share of premium up to max of Rs 4000/-. 3. Personal Accident Policy of the employee
Students	

6.5 Total corpus fund generated: - Rs. 2,47,20,501/-

6.6 Whether annual financial audit has been done: Yes

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	NO		Yes	
Administrative	NO		Yes	

6.8 Does the University/ Autonomous College declare results within 30 days?

Yes University declares results within 30 days.

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

Examinations are conducted in every semester i.e. in summer and winter session for Regular and Backlog students. Online paper evaluation has been adopted by university.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

University supports for Autonomy to Institute.

6.11 Activities and support from the Alumni Association

- 1) Alumni visits institute & interact with students for carrier guidance and counseling.
- 2) Whatever facility they get they extend it to current students in training & placement.
- 3) Knowledge dissemination through discussion.
- 4) Alumni used to guide about recent trends as well as about job openings with student on facebook official page

6.12 Activities and support from the Parent – Teacher Association -NA

6.13

We are having regular interaction with parents through parent meets, personal calls, SMS and regular progress of the student through letter.

6.14 Development programmes for support staff

1. In-house training is provided in summer session.
2. Workshop, conference support is provided to every staff.
3. Study Leave will be granted to the sponsored staff for pursuing Higher Qualification like M.E./M.Tech./Ph.D.

6.15 Initiatives taken by the institution to make the campus eco-friendly

1. Use of Renewable Energy:

Energy efficient lightening system.

2. Use of Renewable Energy:

Institute uses the solar energy for lighting street lights in the campus and in hostel solar water heaters are installed.

Solar panels are installed for electricity usage.

3. Water Harvesting :

Provision for roof water harvesting is available in the campus.

4. Efforts For Carbon Neutrality :

The college at its own level has taken up certain preventive measures to check the emission of carbon-dioxide. The college has made arrangements for the parking of the vehicles of the students in the college ground. This helps in keeping the campus as much clean as possible. The dead leaves and the waste papers are not allowed to be put on fire. The leaves are buried in the soil itself and the papers are sent for recycling. Also for the purpose of carbon neutrality college has grown lot of trees and plants.

5. Plantation :

A lot of expenditure is incurred to keep the environment green. For this the college staff is working whole heartedly. The college organizes programs for tree plantation every year to inculcate this tradition amongst its students. Under such a programs, students as well as college staff had planted various trees to keep the campus eco-friendly.

On 5th July 2017 Tree plantation has been done at Ramdevwadi forest by all students and faculties.

6. Hazardous Waste management:

In college campus we are not having source of hazardous chemicals.

Criterion – VII
7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the Functioning of the institution

- Practical Sessions are conducted by using Virtual labs.
- Institute provides a better platform for students by arranging different novel practices so that students can improve & prove themselves in various Technical and non-technical areas.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

The academic plan for IQAC under which various activities were holding to achieve various goals of institute. This committee discussed on objectives and contains various activities planned by coordinating Committee and approved the same. The action taken on the various activities are as follows:

- The various workshops are arranged in academic year.
- All teaching faculties used various ICT tools for teaching. Minimum 5 tools were used for each subject for teaching.
- The teaching plan with ICT tools prepared by each faculty.
- All faculties completed their higher education and college appreciated them.
- The unit test paper is based on subjective questions related to university question paper. Open book test was conducted for one subject of every year
- The mark distribution has been adjusted properly in every question and sub-question as per its weightage.
- Two unit tests are conducted in one semester.
- Guest lectures on recent innovations have been conducted by Institute.
- The workshop conducted by doctorate person and industry professionals as an expert. The students responded very good feedback of workshop.
- The college conducted National Level Technical Event which was having various technical events and allowed students of Institute and other than institute to participate in it.
- The college also conduction National Level students National Conference to present their technical skill.

- The students are benefited by preferred journals (IEEE, ASME etc) in central library
- Industrial visits have been arranged by every department as a curriculum and also to enhance technical knowledge.

7.3 Give two Best Practices of the institution (please see the format in the NAAC Self-study Manuals)

- Best performance and best attendance student awards per branch – College motivates the students by giving the cash prize and Gold medal to topper students from each branch as well as by awarding to students having best attendance.
- Financial support is given to students for preparing innovative project as well as for attending placement opportunity at locations other than hometown.

7.4 Contribution to environmental awareness / protection

- Students participated in Swacchta Pakhwada and they have performed for Swacchta Abhiyan at various villages.
- No vehicle day was celebrated in every month on Saturday.
- To avoid wastage of blank papers in registers and practical records of students the institute has adopted files and loose sheets for practical records. Here students use pages as per the need and these files are also reused. Faculty use laptop for preparing to lectures and saving the notes in soft format.
- Limit the use of disposable cups, plates and paper napkins Management has banned the use of plastic cups and plates in the campus.
- Solar panels are used for electricity usage.

7.5 Whether environmental audit was conducted?

Yes

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

1. Excellent placement opportunity through campus placement at all locations of Raisoni group.
2. Emphasis is given on soft skills and personality development/
3. Fee payment in installment.
4. Free bus service from Jalgaon city to college.
5. Disciplined but cordial academic environment.
6. Availability of labs and library beyond college hours and utilization of the same by students in project work.
7. Availability of career support coaching such as SAP training, GATE coaching as well as Study abroad cell is guiding students for post graduation in other countries.

8. Regular and focused theory and practical classes. Lectures are taken by using various ICT tools.
9. In curriculum we are growing a lot and now in top 3 positions our results are standing in university.
10. College provides financial support to students in research projects.
11. College provides platform to our students who desire to be an entrepreneur through incubation center.
12. Availability of Incubation Center for promotion of new ideas of students. Three groups of students are in process of availing this facility.
13. Remedial classes are taken for students who are slow learners.
14. Regular contact with parents through SMS and calls.

8. Plans of institution for next year

Teaching Learning Process

- Introduction of Intensive academic monitoring system.
- Enhancing relation with parents.
- Various ICT tools usage will be adopted in teaching.
- Usage of virtual labs will be active.

Faculty Development Programme

- Training to faculty through Brain Storming sessions. In this one faculty will be completing minimum 2 training.
- Faculty will get certification only after clearing the examination.

Research and Development

- Regular meeting of RAC.
- Submission of more proposals to funding agencies.
- Focus will be on filing more patenting of technologies

Industry Institute partnership

- Expanding Industry contact to other centers of Maharashtra & other state.
- Involvement of more Industry persons in academic & research activity.
- Internship will be mandatory to students so that they will gain relevant skills and experience in a particular field.

Promoting students for business

- Institute will help students for their startup business through incubation center.
- Students will be provided up to 5Lakhs as seed money, office space with peripherals and technical and management support.

Name _____

Name _____

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

Month	Date	Events
Jan-18	1	Registration of Students
	1	Commencement of Classes
	18	CSR Activity
	19	Display Notice on Notice Board about Submission of Abstract of Mini Project, Seminar
	20	Parents Meet Final Year
	22-25	Sports week
	26	Celebration of Republic Day
Feb-18	1	Display of Average Attendance of Month January
	2	Forward Average Attendance to Parents
	3	Guest Lecture
	3	Parents Meet
	5	Open Book Test of One Subject
	10 to 14	Sports Week
	15 -16	Antaragni-Annual Social Gathering
	17	Shivmahotsav
	21-26	Unit Test -I
	27	First Presentation of Mini Project
	27	First Presentation of Seminar
	28	Major Project Presentation Final Year
29	Display Marks of Unit Test-I	
Mar-18	1	Display of Average Attendance of Month February
	2	Forward Average Attendance to Parents
	3	Guest Lecture-2
	10	Activity2:-Industrial Visit
	17	Meeting of all Dept. Faculty Members for progress report of their Allotted subject & different portfolios
	19-24	Unit Test -II
	27	Display Marks of Unit Test-II
	27	Student Feedback by HOD
	28	First Presentation of Mini Project
	29	First Presentation of Seminar
31	Major Project Presentation Final Year	
Apr-18	2	Display of Average Attendance of Month February
	3	Forward Average Attendance to Parents
	5	Paroksha, TRPCS, Techkrunch
	6	Guest Lecture 2
	13	Submissions
	16	Submit Unit Test-I & Unit Test-II marks to HOD

	20	Display of timetable of ESE theory and practical examination
G.H. Rasoni Institute of Engineering and Management, Jalgaon		
Academic Calendar 2017-18 Sem-II		
Department of Computer Science & Engineering and Information Technology		
Month	Date	Events
May-18	29 April to 13 May	Remedial Classes for the Students
	25 onwards	CAP work
Jun-18	20	Declaration of ESE result
	4 to 30	Summer Courses, Industrial Training

G.H. Rasoni Institute of Engineering & Management, Jalgaon				
STUDENT FEEDBACK				
Sr No	Subject Name	Course Year	Performance in %	Faculty Name
1	CO	SE CSE-IT	85.55%	Sonal Patil
2	DS	SE CSE-IT	98.14%	Sonal Patil
3	MMI	SE CSE-IT	90%	Shital Jadhav
4	ADL	SE CSE-IT	95.23%	Shital Jadhav
5	DC	SE CSE-IT	89.25%	Swati Patil
6	CG	SE CSE	92.38%	Ganesh Dhanokar
7	CGM	SE IT	68.33%	Govinda Borse
8	DBMS	TE CSE-IT	81.40%	SWATI PATIL
9	OS	TE CSE-IT	78.24%	HARSHAD PATIL
10	MIS	TE CSE-IT	82.98%	HIRALAL SOLUNKE
11	OOMD	TE CSE-IT	89.64%	HIRALAL SOLUNKE
12	ECOMMERCE	TE IT	60%	Govinda Borse
13	ADA	TE CSE	82.28%	SWATI PATIL
14	MC	BE CSE-IT	83.33%	SONAL PATIL
15	DWM	BE CSE-IT	82.54%	Shital Jadhav
16	SMQA	BE CSE-IT	80.80%	Govinda Borse
17	CD	BE CSE-IT	78.80%	HIRALAL SOLUNKE
18	NT	SE EE	88.13%	BHAGYASHRI PATIL
19	NA	SE EE	76.43%	PRAFULLA DESALE
20	EMC-I	SE EE	78.60%	SHIVA WADEKAR
21	EIED	SE EE	74.36%	GITANJALI ATWAL
22	ADE	SE EE	67.23%	SONALI PATIL
23	EM-II	TE EE	67.43%	SHIVA WADEKAR

24	EMD	TE EE	85.86%	DIPALI PATIL
25	EDP	TE EE	70.83%	GITANJALI ATWAL
26	MPMC	TE EE	60.80%	SONALI PATIL
26	CS-I	TE EE	57.46%	AKSHATA KIRTIWAR
27	PSDP	BE EE	83.53%	BHAGYASHRI PATIL
28	PSS	BE EE	82.43%	DIPALI PATIL
29	FACTS	BE EE	89.73%	PRAFULLA DESALE
30	SGP	BE EE	48.73%	AKSHATA KIRTIWAR
31	ASU	SY-CE-POLY	74.60%	HARSHAL PATIL
32	DRS	TY-CE-POLY	88.60%	HARSHAL PATIL
33	HEN	TY-CE-POLY	88.80%	KALPAK SANKHALA
34	CAD	SY-CE-POLY	74.50%	KALPAK SANKHALA
35	TOS	SY-CE-POLY	74.53%	PAWAN WANI
36	SWM	TY-CE-POLY	88.93%	PAWAN WANI
37	CAA	TY-CE-POLY	88.27%	VIJAY BORSE
38	TEN	SY-CE-POLY	73.90%	VIJAY BORSE
39	FMM	SY-ME-POLY	88.86%	YOGESH VANJARI
40	IFP	TY-ME-POLY	72.87%	YOGESH VANJARI
41	MPR	SY-ME-POLY	87.87%	DIPAK PATIL
42	RAC	TY-ME-POLY	72.92%	DIPAK PATIL
43	SMG	TY-ME-POLY	72.40%	GANESH BADGUJAR
44	TEN	SY-ME-POLY	87.84%	GANESH BADGUJAR
45	PBM (B)	TE ME	77.66%	R. V. DAHIBHATE
46	AE-II (A)	BE ME	78.22%	R. V. DAHIBHATE
47	TOM-I (A)	TE ME	76%	D.R.TAYADE
48	AE-II (B)	BE ME	73.33%	S. S. BAVISKAR
49	ME-II (A)	SE ME	75.34%	S. S. BAVISKAR
50	MV (A)	BE ME	77%	R. A. PATIL
51	MV (B)	BE ME	77.56%	R. A. PATIL
52	FEA (A)	BE ME	75.33%	A. T. PANCHAL
53	FEA (B)	BE ME	75.45%	A. T. PANCHAL
54	TOM-I (B)	SE ME	91.33%	K. Y.PATIL
55	PPE (A)	BE ME	89%	B.C. BEHEDE
56	PPE (B)	BE ME	90.22%	B.C. BEHEDE
57	AT (A)	SE ME	77.33%	N.P.MATHURVAISHYA
58	AT (B)	SE ME	75.21%	N.P.MATHURVAISHYA