

**G.H. RAISONI COLLGE OF ENGINEERING & MANAGEMENT,
AMRAVATI**

**The Annual Quality Assurance Report (AQAR) of the IQAC
2014 - 15**

Part – A

1. Details of the Institution

1.1 Name of the Institution

G.H. RAISONI COLLGE OF ENGGINEERING &
MANAGEMENT, AMRAVATI

1.2 Address Line 1

ANJANGAON BARI ROAD, AMRAVATI

Address Line 2

City/Town

ANJANGAON BARI/AMRAVATI

State

MAHARASHTRA

Pin Code

444701

Institution e-mail address

<http://ghrcema.raisoni.net>

Contact Nos.

0721-2385429

Name of the Head of the Institution:

Dr. Prashant V. Ingole

Tel. No. with STD Code:

0721-2385429

Mobile:

9657724191

Name of the IQAC Co-ordinator:

Mobile:

IQAC e-mail address:

1.3 NAAC Track ID (For ex. MHCOGN 18879)

1.4 NAAC Executive Committee No. & Date:
(For Example EC/32/A&A/143 dated 3-5-2004.
This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)

1.5 Website address:

Web-link of the AQAR:

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

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B	2.08	24 Sep. 2014	23 Sep. 2019
2	2 nd Cycle	-	-	-	-
3	3 rd Cycle	-	-	-	-
4	4 th Cycle	-	-	-	-

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

1.8 AQAR for the year (for example 2010-11)

1.9 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 _____ (DD/MM/YYYY)4
 ii. AQAR _____ (DD/MM/YYYY)
 iii. AQAR _____ (DD/MM/YYYY)
 iv. AQAR _____ (DD/MM/YYYY)

1.10 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

(eg. AICTE, BCI, MCI, PCI, NCI)

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

1.11 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

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

Sant. Gadge Baba Amravati
University, Amravati

1.13 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 (<i>Specify</i>)	-
UGC-COP Programmes	-		

2. IQAC Composition and Activities

2.1 No. of Teachers	9
2.2 No. of Administrative/Technical staff	6
2.3 No. of students	-
2.4 No. of Management representatives	1
2.5 No. of Alumni	1
2.6 No. of any other stakeholder and community representatives	1
2.7 No. of Employers/ Industrialists	-
2.8 No. of other External Experts	-
2.9 Total No. of members	18

2.10 No. of IQAC meetings held : No.

2.11 No. of meetings with various stakeholders: Faculty

Non-Teaching Staff Students Alumni Others

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 State Institution Level

(ii) Themes

2.14 Significant Activities and contributions made by IQAC

- Students mentoring System, Grievances Redressal Cell, Anti Ragging Committee, Women Empowerment Cell, and Academic monitoring Committee are working for student's welfare and support.
- Co-curricular and extra curricular activities like seminars, workshop, technical quizzes, guest lectures, sports and NSS camps are incentivized and conducted to improve the professional skill sets of students.
- Remedial classes are conducted for slow learners to enhance the skills and competence.
- Campus recruitment programmes to enhance student's employability.
- Induction programmes for students to get awareness about the faculty members, facilities, carrier option etc.
- Special guidance programmes for competitive examinations viz. GATE, GRE, TOEFL/IELTS and CAT etc.
- Academic Audit to ensure the delivery of knowledge on emerging and thrust areas in the field of science and Technology.
- Identification of Research groups and clustering of faculty based on research areas and specialization of the faculty.

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
Preparation for NAAC Re-accreditation	<ul style="list-style-type: none"> • Preparation of AQAR • Institutional preparation as per new guidelines and criteria of NAAC
Preparation for NBA Accreditation	<ul style="list-style-type: none"> • Formulation of PEOs, POs and COs.
Recognition for research laboratory from affiliating University	<ul style="list-style-type: none"> • PG laboratories are in place • Applied for research laboratory recognition.

** Please refer the Annexure I for Academic Calendar*

2.15 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body

Provide the details of the action taken

- | |
|--|
| <ul style="list-style-type: none"> • Academic Audit to ensure the compliance of course delivery and evaluation as per the guidelines of affiliating University. • Formation of research forums to impart the knowledge on emerging and thrust areas in the field for science and Technology. • Identification of Research groups and clustering of faculty based on research areas and specialization of the faculty. • Implementation of academic and other processes as per Standard Operating Procedure issued by management. |
|--|

Part – B
Academic Year : 2014 - 15

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	Nil	Nil	Nil	Nil
PG	03	02	05	Nil
UG	06	Nil	06	Nil
PG Diploma	Nil	Nil	Nil	Nil
Advanced Diploma	Nil	Nil	Nil	Nil
Diploma	Nil	Nil	Nil	Nil
Certificate	Nil	Nil	Nil	Nil
Others	Nil	Nil	Nil	Nil
Total	09	02	11	Nil

Interdisciplinary	Nil	Nil	Nil	Nil
Innovative	Nil	Nil	Nil	Nil

- 1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options
(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	11
Trimester	Nil
Annual	Nil

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

Mode of feedback : Online Manual Co-operating schools (for PEI)

* Please refer the Annexure II for analysis of feedback

- 1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

Nil

- 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

Total	Asst. Professors	Associate Professors	Professors	Others
30	28	00	02	-

2.2 No. of permanent faculty with Ph.D.

03

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
53	29	00	23	01	11	-	-	54	63

2.4 No. of Guest and Visiting faculty and Temporary faculty

10

02

62

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	04	00	00
Presented papers	25	00	00
Resource Persons	00	00	00

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- Enhancement of self learning skills through mini project, major project, site visit and industrial visit.
- Wi-Fi connectivity is provided to browse the E-Journals and books round the clock.
- Faculty members are continually adapting to the new teaching techniques as amenable to the students based on student feedback system.
- Faculty are trained for improvement of technical skills through various Short Term Training Programs/ Faculty Development Programs at our institute and other institute.
- Faculty are trained for improvement of teaching skill through workshops and training programs conducted by GHRAHE,
- Faculty members are sponsored with incentives to present their research papers in International/National conferences conducted by premier institutions in India and abroad for the continual up gradation of skills and knowledge.
- Tutorial classes are conducted effectively encouraging interactive learning.
- Students are encouraged with incentives to present their papers, projects and participate in different events conducted by different institutes in India.

2.7 Total No. of actual teaching days during this academic year 185

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions) -

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop 2 1 5

2.10 Average percentage of attendance of students 82

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B. E. Mech. Engg.	114	6.14	63.15	9.65	-	78.94
B. E. Civil Engg.	45	13.33	28.89	35.56	-	77.78
B. E. E&TC Engg.	52	19.23	65.38	-	-	84.61
B. E. Comp. Sci. & Engg.	45	22.22	71.11	-	-	93.33
B.E. Information Tech.	32	-	68.75	18.75	-	87.50
B. E. Ele. Engg.	98	1.02	73.46	9.18	-	83.67
M. E. Comp. Sci. & Engg.	29	68.96	20.68	-	-	89.65
M.E. EXTC	25	12	40	-	-	52
M. E. EPS	15	6.66	-	-	-	6.66
M. E. Structural	NA	NA	NA	NA	NA	NA
M. E. Thermal	NA	NA	NA	NA	NA	NA

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

The IQAC plays major role to achieve the quality assurance by regular internal audits

- Benchmarking and internal quality checks by introducing the Academic Audit system for all academic departments.
- Academic Monitoring Committee to monitor and ensure uniform content delivery in class room.
- Course coordinator for multi section courses to monitor uniform course delivery and evaluation.
- Regular Student feedback twice in a semester to ensure continuous improvement.
- Student Counselling and Grievance Redressal System are in place.
- Analysis and consolidation of the data obtained from various departments and suggest remedial measures to Academic committee.
- To track the slow learners and conduct remedial classes ensuring all students clear the course.
- It is ensured that question papers are set for balancing the cognitive learning levels.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	14
UGC – Faculty Improvement Programme	00
HRD programmes	03
Orientation programmes	05
Faculty exchange programme	00
Staff training conducted by the university	06
Staff training conducted by other institutions	07
Summer / Winter schools, Workshops, etc.	18
Others	376

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	27	-	-	-
Technical Staff	25	-	-	-

Criterion – III

3. Research, Consultancy and Extension

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

- Formation of Research forum to impart the knowledge on emerging and thrust areas in the fields of Science and Technology.
- Research incentive scheme to promote research/publications at post graduate and doctoral level studies, which in turn will open new areas for providing consultancy.
- Incentive in the form of registration fee and travelling allowance is given for participation in National/International conferences.
- Identification of Research groups and clustering of faculty based research areas and specialization of the faculty.
- Motivate student to carryout project in the emerging areas.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	-	-	-
Outlay in Rs. Lakhs	-	-	-	-

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	-	-	-
Outlay in Rs. Lakhs	-	-	-	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	03	-	-
Non-Peer Review Journals	01	-	-
e-Journals	110	-	-
Conference proceedings	03	02	-

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 organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	-	-	-	-
Minor Projects	-	-	-	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects (other than compulsory by the University)	-	-	-	-
Any other(Specify)	-	-	-	-
Total	-	-	-	-

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

NA

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

Rs. 21600/-

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	-	01	-	-	-
Sponsoring agencies	-	Management	-	-	-

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
 Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	03
	Granted	-
International	Applied	-
	Granted	-
Commercialised	Applied	-
	Granted	-

3.17 No. of research awards/ recognitions received by faculty and research fellows Of the institute in the year

Total	International	National	State	University	Dist	College
-	-	-	-	-	-	-

3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level State level
National level International level

3.22 No. of students participated in NCC events:

University level State level
National level International level

3.23 No. of Awards won in NSS:

University level State level
National level International level

3.24 No. of Awards won in NCC:

University level State level
National level International level

3.25 No. of Extension activities organized

University forum College forum
NCC NSS Any other

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

- Tree Plantation in the college campus through NSS.
- Celebrated NSS day.
- Organise Blood Donation Camps.
- Computer awareness programs.

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	41197.16 sq.m	-	Management	41197.16 sq.m
Class rooms	34	-	Management	34
Laboratories	68	-	Management	68
Seminar Halls	6	-	Management	6
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	23	-	Management	23
Value of the equipment purchased during the year (Rs. in Lakhs)	Rs.55,43,812/-	-	Management	Rs.55,43,812/-
Others (Tutorial Room)	4	6	Management	10

4.2 Computerization of administration and library

- Finance, Purchase, HR and stores managed by ERP software called AIMS.
- Library is fully automated through LibSys. Students and faculty can access the availability of a book through OPAC.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	15111	60,80,980.60	1766	9,06,705	16877	69,87,685.60
Reference Books	1807	7,15,473.46	76	88978	1883	8,04,451.46
e-Books	-	-	-	-		
Journals	42	79410	72	2,04600	114	2,84,010
e-Journals	03	6,55629	03	6,87,255	03	6,87,255
Digital Database	(OPAC) Synchronik	40,000		10,000		50,000
CD & Video	100		29		129	
Others (specify)	Book Bank Facility					

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	495	15	35 MBPS (20+15)	-	1	15	6	46 (Laptop)
Added	-	-	-	-	-	-	-	-
Total	495	15	35 MBPS (20+15)	-	1	15	6	46 (Laptop)

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

RAMS software was updated for student result analysis, student online feedback.

4.6 Amount spent on maintenance in lakhs :

i) ICT	Rs.65,28,494/-
ii) Campus Infrastructure and facilities	Rs.1,10,77,391/-
iii) Equipments	Rs. 11,65,705/-
iv) Others	Rs. 64,42,039/-
Total :	Rs. 2,52,13,629/-

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Students Mentoring System, Grievances Redressal Cell, Anti Ragging Committee, and Academic Monitoring Committee are working for student's welfare and support.
- Co-curricular and extra-curricular activities like seminars, workshops, technical quizzes, guest lectures, sports and NSS camps are incentivized and conducted to improve the professional skill sets of students.
- Remedial classes are conducted for slow learners to enhance the skills and competence.
- Campus Recruitment Training conducted to enhance student's employability.
- Induction programmes for students to get awareness about the faculty members, campus facilities, career options and to know various procedure.

5.2 Efforts made by the institution for tracking the progression

- Mentoring students through counselling system.
- Regular feedback from the students and use of feedback analysis for improvement of Teaching-Learning Process.
- Online attendance monitoring system.
- Regular Academic Review meeting for monitoring effectiveness of Teaching-Learning process.
- Result analysis of internal external examinations.
- Reviewing progress of each class as well as department in HODs meeting.
- System in place for identification of slow learners and extra efforts to bring them at par with other students.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1519	149	-	-

(b) No. of students outside the state

01

(c) No. of international students

Nil

Men	No	%	Women	No	%
	1192	71.5		476	28.5

Last Year								This Year							
General	SC	ST	OBC	VJ/NT	SBC	Physically Challenged	Total	General	SC	ST	OBC	VJ/NT	SBC	Physically Challenged	Total
495	188	02	903	96	28	-	1712	526	218	06	787	96	35	-	1668

Demand ratio

0.49

Dropout %

5.04

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

- Training and Placement Cell conduct several training programs, personality and soft skill development programs to improve communication, presentation skills and employability.
- Students are also groomed in written test skills, Resume Writing, Aptitude skill, Group Discussions, Personal Interview to make them competent for placement as a part of CRT program.

No. of students beneficiaries

1668

5.5 No. of students qualified in these examinations

NET	NIL	SET/SLET	NIL	GATE	04	CAT	NIL
IAS/IPS etc	NIL	State PSC	NIL	UPSC	NIL	Others(GRE)	01

5.6 Details of student counselling and career guidance

- Each faculty member (Teacher guardian) is assigned with a group of 15-20 students under Teacher guardian scheme. Students are supported by their respective faculty mentors in selecting elective subjects, Project work, preparation for interviews etc.
- Academic progress of the students is monitored after every examination and the identified weak students are timely supported with extra inputs.
- Training and placement cell regularly organizes guest lectures and motivational lectures for career guidance by inviting guests/experts from industry and academia.
- Psychological counsellor is appointed for periodic counselling of students.

No. of students benefitted

1668

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
44	639	11	18

5.8 Details of gender sensitization programmes

Women Grievances cell is working for the gender sensitization by organizing invited lectures. Main function of this cell is to sensitize and empower the women by involving them in various programmes. The women empowerment cell also looks after the issues related to grievances. Self defence program for girls and ladies faculty members was organized. In this program the sections in the constitution and rights supporting to ladies were described.

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	38	Rs.2,06,459/-
Financial support from government	1120	Rs.5,42,35,700/-
Financial support from other sources	2	Rs. 1,60,000/-
Number of students who received International/ National recognitions	-	-

5.11 Student organised / initiatives

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: _____NIL_____

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

<p>Vision</p> <p>Our vision is to archive excellent standards of quality education by keeping pace with rapidly changing technologies; our continuous endeavour is to create manpower of global standards with capabilities of accepting new challenges.</p> <p>Mission</p> <p>Our effort is dedicated towards imparting quality & value based education, To raise the satisfaction level of our students. Our strength is directed towards creating competent professionals. Our endeavour is to provide all possible and sustainable support to promote research and development activities.</p>
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6.2 Does the Institution has a management Information System

- The ways by which Head of the Institution ensure that adequate information is made available for the top management and stakeholders to review the activities of the institution.
- The Principal as the Head of the Institution ensures that adequate information (from feedback and personal contacts etc.) is available to the top management. The Principal gives a presentation to the top management once in a month to apprise them with the happenings in the college in terms of academics, co-curricular and extra-curricular activities, efforts made to improve the college performance and achievements.
- Periodic meetings with alumni, parents, students and staff ensure that all the stake holders are aware of the college activities.
- Publicity is given regarding various programs and events on college website and through Rasoni Campus Buzz (monthly bulletin).

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

6.3.1 Curriculum Development

- Although the design and development of curriculum is the matter in the purview of the Board of Studies at SGB Amravati University, various experienced teachers contribute to the updation in the syllabus to incorporate the requirements of the stake holders.
- College is affiliated to SGB Amravati University, Amravati hence its curriculum is designed and developed by various Board of Studies of SGB Amravati University, Amravati. Number of staff members have attended curriculum development work shops of the University and have helped in the process.
- Institute promote faculty members to identify the gap in syllabus as per the requirement of industries and obtained from experts, alumni and other stakeholders.

6.3.2 Teaching and Learning

- Mini Projects were accomplished by the second and third year students.
- Enhancement of self-learning skills through term paper and mini project.
- Co-curricular and extra-curricular activities like seminars, workshops, technical Quizzes, guest lectures, sports and NSS camps are conducted to improve the Professional skill of students.
- Remedial classes for slow learners.
- Gap analysis was conducted to see the gap between ours subject syllabus & NIT , IIT'S syllabus.
- Guest lectures on latest technologies by eminent academicians & Industry experts.
- As per the SGB Amravati University scheme which implement Credit Grade System, division of theory paper marks awarded is 80 marks for semester end examination and 20 marks for the internal evaluation. In the internal evaluation weightage is given to internal assessment through class tests and attendance of the students in classes.

6.3.3 Examination and Evaluation

- Theory paper 100 marks distribution is 80 marks for semester end examination and 20 marks for continuous assessment.
- Continuous assessment through two sessional examinations and one Pre-University examination.
- Uniform evaluation system is used for award of internal mark.

6.3.4 Research and Development

- Institute has established R & D Cell under supervision of Dean R & D.
- Research advisory body is in place.
- . Financial support and academic leave to attend Conferences/Workshop.
- Organize Workshops in several thrust areas.
- Upgrading infrastructural facilities for research and development.
- Financial incentives for Research Paper publication.

6.3.5 Library, ICT and physical infrastructure / instrumentation

- Central Library along with departmental libraries collectively supports the teaching, research and extension programmes of the Institute.
- Library is fully automated. Students and Faculty can access the availability of a book through OPAC.
- Library advisory committee conducts meeting in every semester to sort issues in rendering user friendly library services. Institute's central library fully satisfies students requirement of textbooks and reference books as per AICTE norms.
- Book bank facility for meritorious students.
- Text books & reference books prescribed in the syllabus are provided in sufficient volumes. Periodicals, newspapers, national & international journals, e-journals, spacious reading section and all inclusive reference section are some salient features of the library.
- Apart from text books on regular curriculum, library contains some value education books, books on GATE preparation and competitive examinations. Library remains functional beyond working hours.
- Reprographic facility is provided to students in the library to get the photocopies of the resource material from reference section. System in the Library is governed by the sophisticated softlib software for its effective management. Computer terminals with internet connectivity is available to the students for accessing e-learning resources.
- Spacious and well furnished space is allocated for reading section in the library.

6.3.6 Human Resource Management

- Annual appraisal system for all employees.
- Training programs for skill development and personality development of employee.
- Study leave for qualification up gradation.
- Free books and tuition fee for the wards of nonteaching staff.

6.3.7 Faculty and Staff recruitment

- HR Department plans for recruitment of faculty and staff based on number of post approved by LMC.
- Applications for the required positions are invited through advertisements (newspapers, portals.).
- Scrutiny of applications depends on their suitability for the Position is done by the respective departments.
- Selection Committee is constituted as per the guidelines of affiliated University to conduct the interviews for recommendation of candidates for suitable posts.

6.3.8 Industry Interaction / Collaboration

- Industrial visits are organized for student and faculty members.
- MOU with different industries are signed for training and R & D purpose.

6.3.9 Admission of Students

- Institute involves in Centralized Admission Process (CAP) conducted by DTE of Government of Maharashtra. This ensures total transparency in admission process.
- College has a centralized admission cell and is entrusted with the job of explaining the admission procedure to all walk in visitors & telephonic enquires.
- Apart from that, there is a separate counselling cell in the institute to provide the information about institution admission process, campus facilities and prospects of various engineering disciplines.
- Institution participates in education fairs where interaction with visitors helps in extension of information regarding engineering education.

6.4 Welfare schemes for

Teaching	PF, Gratuity, Group Medical Insurance.
Non teaching	PF, Group Medical Insurance, School fee concession for wards,
Students	Accident and Medical Insurance facility, Medical assistance, Student Counselling, sibling fee concession, financial supports for economically weaker students.

6.5 Total campus fund generated

6.6 Whether annual financial audit has been done Yes No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	YES	VNIT, Nagpur	YES	Dean
Administrative	YES	V. K. Surana & Co.	YES	Dean

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

For UG Programmes Yes No

For PG Programmes Yes No

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

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

- University encourages colleges to go for autonomy by extending permanent affiliation.
- University nominates for Academic Council and board of Studies.
- University encourages colleges to register under section 2(f) & 12(B) of UGC act.

6.11 Activities and support from the Alumni Association

- We have formed an Alumni Association. The association organizes meetings and has regular formal and informal interactions.
- Raisonni Group of Institution has constituted G. H. Raisonni Alumni Foundation to organize and support the alumni activities of various institutions. G. H. Raisonni Alumni Foundation is a registered body. Every year alumni meet “Footprints” function is organized in order to bring together alumni to share their ideas.
- Alumni have provided some good suggestions and constructive criticism during alumni meet.
- Interaction of alumni with students is helpful in percolating information about industry environment among students.

6.12 Activities and support from the Parent – Teacher Association

- Counselling to students for attainment of the academic goals.
- Feedback from parents for curriculum development and overall growth of the Institution.
- Teacher/ Head of Departments/ Principal interact with guardians regularly. They are informed about their ward’s academic performance and attendance records through meetings, letters, sms and phone calls.
- Direct interaction of the guardians with the H.O.D. is also encouraged. Opinion of parents is considered and valued with respect to various aspects such as planning of industrial visits, cultural programs etc.
- Parents of any student are allowed to meet the teachers, Coordinators and Principal on any day of the week at any time to make any suggestions or complaints.

6.13 Development programmes for support staff

- Training programs on Personality Development.
- Workshops for skills up gradation.

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

The initiatives taken by the college to make the campus eco-friendly are as follows:

- Use of energy efficient devices.
- Efforts to save energy in classrooms and laboratories when not in use.
- Roof top water harvesting of college buildings is carried out.
- Institute planted and maintained trees in the campus.
- E-waste is reused for student demonstration and understanding.

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. Give details.

Innovative practices adopted:-

- Continuous evaluation system emphasizing on Out come Based Education philosophy.
- Conventional classroom teaching methods are supplemented by audio-visual aids with technology support.
- To supplement the classroom teaching, all the faculty members upload their lecture notes and subject materials in the RAMs portal.
- Faculty deliver the seminars on the latest technologies regularly.
- Guest lectures by eminent academicians and Industry experts are conducted periodically.
- The Institute is member of “Ask A Question” (AAQ) program conducted by IIT, Bombay.

Teaching Learning Process :-

- Enhancement of self learning skills through mini project, presentation on technical topics.
- Industry exposure to students and faculty members through industry visit.
- Various co-curricular activities like technical seminars, technical quizzes, Laboratory demonstration etc.
- Institute maintains ‘Digital Library’ with the audio –visual learning materials online, NPTEL courses and also in form of CDs for the benefit of the students and faculty.
- Central library subscribe peer reviewed National and international journals in print and soft form.
- Institution allows the students to carry Laptops to enhance knowledge and for enabling them to get used to e-learning facilities available in the campus with round of clock internet connectivity.

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

- As per planning done in the beginning of the academic year, guest lecture, seminar, workshop, add-on courses have been organized by all department.
- To inculcate the research culture among the faculty, faculty members who have not registered for PhD, were counselled to do registration for Ph.D.
- Continuous monitoring of students performance course wise was done to ensure higher academic success.

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

BEST PRACTICE NO.1

TITLE: Student centric activities with regards to rapid development in technology.

BEST PRACTICE NO 2

TITLE: Students Centric activities to inculcate research culture.

** Please refer the Annexure III for details of best practices*

7.4 Contribution to environmental awareness / protection

- Institute has taken measures to prevent the emissions of carbon dioxide and reduce carbon foot prints. The motor vehicles are kept at a distance from classrooms and laboratories in the parking sheds.
- Institute has lush green campus with variety of trees, plants and lawns. The campus greenery is well maintained by separate department using modern equipment like sprinklers, drip irrigation, lawn movers , weed cutters etc.
- Floors and surrounding is maintained neat and clean.

7.5 Whether environmental audit was conducted? Yes - No v

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

Strengths:-

- Enlightened , forward looking and financially sound Management with vision for bringing up the institution to the highest level of quality.
- Effective, efficient ,and collective academic leadership.
- Accredited by NAAC
- Highly qualified, experienced , committed and students caring faculty.
- Very active Alumni Association with large membership and some of our alumni are in senior executive position.
- Hostel facility for students on campus with all amenities like Modern Gym, sports and games facilities, round the clock medical and ambulance facilities to create a work culture of utilization of resources beyond the working hours.
- Innovative facilities like Entrepreneurship development cell, Technology incubation center to hone the skills of students.
- Wi-Fi facility with e-learning resources on campus LAN and round the clock internet connectivity.
- Fee waiver policy for Merit students at the entry based on JEE rank and cash prizes for encouraging the students in professional body activities like paper presentation , project exhibition etc.
- Best academic practices taking care of students as per their capabilities.

Weaknesses:-

- Consultancy services are to be strengthened considerably.
- Potential of Networking with other institutions need to be explored.
- Industry-Institute Interaction needs to be strengthened.
- R & D in cutting edge technologies needs to be strengthened.
- Less interaction / collaboration with reputed universities at National /International level in terms of specialized courses and sharing the resources .

Opportunities:-

- Inter-Disciplinary research and collaboration with other Institutes can be developed for effective Engineering solutions in field of Bio-medical engineering, Nano technologies, alternate energy sources, environmental engineering, cloud computing , signal processing, etc.
- Elective and add on courses in the emerging areas can be offered in collaboration with industries.
- Searching for the collaborations with industry that is looking forward to partner in research project, outsourcing their training programs, and extending consultancy projects.
- Networking and sharing of facilities with other institutions and industries.
- Leveraging the strong links with distinguished alumni to increase the interaction with industry for development of projects, consultancy works, etc.
- Collaboration with reputed foreign universities for possible students and faculty exchange programmes.
- Inviting senior professor / adjunct professor / distinguished professor in the specialized areas.
- Sharing the spare capacity of infrastructure by offering vocational training to increase the non tuition revenue.
- Establishment of Centre of Excellence for Research and Development in specialized areas.
- Approach research organization and funding agencies to improve the funding / research.
- To get deemed University/Autonomy status.

Challenges :-

- Attrition rate of faculty is high .
- Placing all students in industry internship.
- Peer competition from other institutions located in Urban areas.
- Paucity in the availability of committed and quality faculty with passion for teaching.
- Students opting engineering education by chance and not by choice because of free education policy.
- Ensuring all the students employable.
- Impact of industry slowdown on the campus placements.
- Attracting meritorious students.
- Addressing academically weak students.

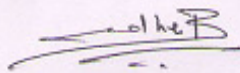
Criterion VIII :

Plans of institution for next year (2015-16)

Institute is planning to

- Enhance research publications in reputed journals.
- Submit research proposals to various funding agencies.
- Organize workshops, seminars and other FDPs.
- Conduct awareness workshops for faculty to appraise about NBA.
- Motivate the faculty towards industrial and academic consultancy.
- Enhance industry-institute interaction for internship.
- Enhance the activities of Alumni.
- Enhance the activities of community services to make the student aware of the social responsibility.


Name : Prof. R. B. Pedhekar



Signature of the Coordinator, IQAC



Name : Dr. P. V. Ingole



Signature of the Chairperson, IQAC

G. H. Raisoni College of Engg. & Management, Amravati

Abbreviations:

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission
NA	-	Not Applicable

Annexure-I



**G. H. RAISONI COLLEGE OF ENGINEERING AND
MANAGEMENT, AMRAVATI**

Academic Calendar 2014-15

*The Institute is recognized by the government of Maharashtra state & approved
by AICTE (All India Council for Technical Education), New Delhi.*

Affiliated to Sant Gadge Baba Amravati University, Amravati (MS)

G. H. RAISONI COLLEGE OF ENGINEERING AND MANAGEMENT

ACADEMIC CALENDER

ODD SEMESTER MANDATORY REPORTING

Winter-14 Session & Start of Regular Classes

MONDAY, 16 June 2014

REGISTRATION

BE Final Year (VII th Sem)	:	01 June 2014
BE Third Year (V th Sem)	:	02 June 2014
BE Second Year (III th Sem)	:	03 June 2014
BE First Year (Ist Sem)	:	As per DTE Notification
ME First Year (Ist Sem)	:	As per DTE Notification
ME Second Year (III rd and IVth Sem)	:	01 July 2014

Regular Classes will start from 16/ June / 2014 as per the University Calendar for Regular Students of BE Third , Fifth and Seventh Sem.

It is mandatory to deposit the fees for registration and confirmation of Roll No. by class teacher for attending the classes.

List of documents to be submitted at the time of Registration to higher classes

1. Duly filled in Registration form to be purchased from student section/ or may be downloaded from our website by e-Payment at a concessional rate. Information regarding procedure is available with Class Teachers.
2. College Fees + (University Examination Fees + Migration Fees if applicable)
3. Correct Address and Contact Number/s of parents.
4. Two recent pass port size Photographs
5. Attested true copies of all previous mark sheets at the time of Admission.
6. Photo Copy of Aadhar Card

College Fees

Fee is required to be paid strictly at the time of registration, otherwise fine will be imposed. For students who avail any type of fee concession / scholarships are required to pay the students portion amount at the time of registration. Students should also ensure that the Scholarship / Free ship forms and Examination forms are to be filled in as per the schedule announced on the notice board of the Institute time to time. It is mandatory to submit a copy of Aadhar Card. College has started the e-payment facility through which the college fees may be paid using internet banking account/credit card/debit card using link on the college website “ **Online payment**”. You may also obtain e-Copy of College Admission prospectus from institute website by using download “ **Download e-Prospectus link**” at a subsidized rate. This facility will allow students and parent to avoid the cash transactions and queuing

for payment of fees. The interim fees for the BE First Year, BE Direct Second Year and ME First Year is Rs 77,700/-.

CLASS TEST (Detailed Time Table will be announced by respective Departments)

UG

Winter Class Test-I	16 July 2014 onwards
Winter Class Test-II	18 Aug 2014 onwards
Pre University Test	22 September 2014 onwards

PG

Winter Class Test-I	30 July 2014 onwards
Winter Class Test-II	30 Aug 2014 onwards
Pre University Test	22 September 2014 onwards

Apart from these tests, regular class tests based on each unit will be conducted. The internal marks will be awarded based on the performance in these tests and attendance as per the University rules.

Students having Attendance < 75% will be detained.
Feedback from Students will be taken twice during the semester.

TERM WORK SUBMISSION : Last week of Sept 2014

UNIVERSITY EXAMINATION

Winter 2014 _____ Second / Third week of October 2014

Onwards

MAJOR EVENTS

RGI TRPCS -14 (EXTC) 2014	: Second / Third week of August
TechKrunch 14 2014	: Second / Third week of August
Student's Seminars	: First Week of Sept 2014
Guest Lectures	: July and Sept 2014

EVEN SEMESTER MANDATORY REPORTING

Summer-15 Session & Start of Regular Classes MONDAY, 29 December 2014

BE Final Year (VIII th Sem) Students All Branches	: 29 December 2014
BE Third Year (VI th Sem) Students All Branches	: 29 December 2014
BE Second Year (IV th Sem) Students All Branches	: 29 December 2014

BE First Year (II nd Sem) Students All Branches	: 29 December 2014
ME First Year (Ist Sem)	: As per DTE Notification

CLASS TEST (Detailed Time Table will be announced by Department)

UG

Winter Class Test-I	28 January 2015 onwards
Winter Class Test-II	25 February 2015 onwards
Pre University Test	25 March 2015 onwards

PG

Winter Class Test-I	28 January 2015 onwards
Winter Class Test-II	25 February 2015 onwards
Pre University Test	25 March 2015 onwards

Apart from these tests, regular class tests based on each unit will be conducted. The internal marks will be awarded based on the performance in these tests and attendance as per the University rules.

Students having Attendance < 75% will be detained.

Feedback from Students will be taken twice during the semester.

CLEARANCE

B. E. Final Year Students (VIII th Sem)	: 18/03/2015
B. E. Third Year Students (VIth Sem)	: 19/03/2015
B. E. Second Year Students (IVth Sem)	: 20/03/2015
B. E. First Year Students (IInd Sem)	: 21/03/2015
M. E. First Year Students (IInd Sem)	: 18/03/2015

TERM WORK SUBMISSION : First week of April 2015

Project Submission : Up to 15th March 2015

Students should check the draft copy of the Project report from respective guide and HoDs and must submit the final report before start of the PUT.

UNIVERSITY EXAMINATION

Summer 2015

 Third week of April 2015 Onwards

MAJOR EVENTS

Annual Social Gathering- Antaragni-15	First Week of Jan 2015
Paroksha 2015	First/Second week of March
2014	

In case of difficulties, students should contact the respective Teacher Guardians / Class Teachers. The psychologist's help must be sought in case of difficulties regarding time management and emotional impasse.

ATTENDANCE: As per Rule 125 (I) of Government , minimum 75% Attendance in theory and practical classes is compulsory. So students must attend classes regularly.

DRESS CODE for BOYS:

Bottle Green Suite, Striped Green shirt, Bottle Green Pant and Green Tie.

DRESS CODE For GIRLS :

Bottle Green Suite, Striped Green shirt, Bottle Green Pant and Green Scarf.

Shoes are compulsory for all students with dress code.

MOBILES ARE BANNED IN COLLEGE CAMPUS AND IN COLLEGE BUS.

IMPORTANT PHONES_____

Principal Office : 0721 2385429

Student's Section : 0721 2385432

E-mail-ID : cbscemamr@raisoni.net

Website : <http://ghrcema.raisoni.net>

ANTI RAGGING CIRCULAR

Action against ragging: Maharashtra Prohibition of Ragging Act XXXIII of 1999 against Ragging.

- a) Ragging within or outside of any educational institution is prohibited,
- b) Whosoever directly or indirectly commits, participates in, abets, or Propagates ragging within or outside any educational institution shall, on conviction, be punished with imprisonment for a term up to 2 Years and / or penalty which may extend to ten thousand rupees.
- c) Any student convicted of an offence of ragging shall be dismissed From the educational institution and such student shall not be admitted in any other educational institution for a period of five years from the date of order of such dismissal.
- d) Whenever any student or, as the case may be, the parent or guardian or

A Teacher of an educational institution complaints, in writing, of ragging to the head of the educational institution shall, without prejudice to the foregoing, within seven days of the receipt of the complaint, enquire into the matter mentioned in the complaint and if, prima facie, it is found true, suspend the student who is accused of the Offence, and shall, immediately forward the complaint to the police station having jurisdiction over the area in which the educational institution is situated, for further action. Where, on enquiry by the head of the educational institution it is found that there is no substance, prima facie, in the complaint received; he/she shall intimate the face, in writing, to the complainant. The decision of the educational institution shall be final.

- e) If the head of the educational institution fails or neglects to act in the Manner specified in section “d” above when a complaint of ragging is made, such person shall be deemed to have abetted the offence and shall, on conviction, be punished as provided for in section “b” above.

UGC REGULATIONS ON CURBING THE MENACE OF RAGGING IN HIGHER EDUCATIONAL INSTITUTIONS, 2009. (Under Section 26 (1) (g) of the University Grants Commission Act, 1956)Dated June, 2009 is available on <http://www.ugc.ac.in/ragging.html>

College has Women Grievances Cell, Student Grievances Cell, Anti Ragging Cell, Students Cell etc and students should come forward and use these platform to bring to the notice about any help required in resolving the issue amicably.

Wish you all Happy Learning Experience at our RGI Amravati Campus.

-----All the Best-----

Annexure-II

Students feed-back:

Online feedback will be collected from students twice in a semester i.e during mid-semester I and during mid-semester II. The feedback questionnaire is scientifically designed which are evaluated on the basis of different parameters. Parameters involved are preparedness for classes, delivery and handling of questions in the class, usage of teaching aids, timely evaluation of tests and assignments, level of interest and excitement generated, extra help outside the class room, control and command of classes etc. Faculty member who gets feedback less that will be counselled by the HOD and the faculty concerned shall initiate necessary measures to improve the performance.

Alumni Feed-back:

Institute conducts Alumni meets regularly (at least once in a year). Few of our alumni are successful in establishing and running consultancy firms, software companies, Power plants, service and manufacturing industries. The alumni survey is conducted to obtain feedback regarding their employment, higher studies, suggestions for improvement of institution etc. The inputs from the alumni are used in providing latest contents to students, design best practices, programme objectives etc. Alumni survey is conducted during alumni meets, visits of Alumni to institution, stake holders meeting etc. Institute has RGI alumni association to facilitate the alumni interaction and updation of alumni database.

Parents feed-back:

Institute collects parents feedback during stake holders meeting and departmental parents meet. Aspirations of the parents are also collected whenever parents visit our institute. Parents are also appraised about the examination system, curricular and extracurricular activities, facilities available, student progress, etc.

Annexure-III

BEST PRACTICE NO.1

TITLE: Student centric activities with regards to rapid development in technology.

Goals:

- To identify thrust areas. To develop facilities to access literature to understand the thrust areas.
- To organize programs for training faculty members to identify and help students in understanding rapid changes in technologies.
- To motivate students to learn latest technologies as a need of the industry.

Context:

- To train and motivate students to take challenging career, to gain knowledge about the rapidly changing technologies that are used in the industries.
- In order to inculcate a culture amongst students to enquire about the latest technologies and acquire knowledge about it is a regular practice.

The Practice:

- A number of measures are being taken to meet our goals.
- Institute has developed a system to make students aware about the vision and mission of the institute.
- Eminent personalities are invited to deliver guest lectures and guide students regarding the latest technologies in the respective fields.
- Students are motivated to read the scientific and technical magazines to know about cutting edge technologies.
- Computer laboratories and internet access is provided for this purpose.
- Students are motivated to learn latest technologies by performing projects.
- RGI group organizes technical paper presentation, project competitions and best innovation awards exclusively for students of RGI group.
- Institute promotes participation of students at national level project competition.
- Student are shown the video lectures on the cutting edge technology and motivated to find more information.

The following table represents the programs organized at our institution.

Sr. No.	Programs Organized	Date
01	Forum Inauguration	July 2014
02	Workshop on C & C++ with Linux	16/07/2014 to 19/07/2014
03	Workshop on Network Security by Prof. D. M. Dakhare	04/04/2014
04	Guest Lecture on Electrical Safety by Mr. Fukate	23/09/2014
05	Introduction to GRE by Ranjan Godse L & T Mumbai	01/10/2014
06	Workshop on IPR by Adv. Swapnil Gawande	11/10/2014
07	Industrial Visit of all Dept. during session.	
08	Session on Introduction to Online E-journals	Jan.- 15
09	TRPCS-15	Feb. 2015
10	TechKrunch – 15	Feb. 2015
11	PAROKSH – 15	March 2015
12	Technical Project Exhibition	28/03/2015

Evidence of Success:

Some of the success stories are as follows.

- In students forum students willingly organized various events for the benefit of students to improve their technical knowledge.
- In RGI TRPCS large number of students came forward to present their work.
- In TechKrunch students presented their technical ideas in the form of projects and took participation in various technical events.
- There was huge response from all the students for display of mini-projects and major Projects in project exhibition and completion.

Problems Encountered & Resources Required:

- It is difficult to convince students to learn something more apart from their curriculum.
- The institute is located in industrially undeveloped region, so accessibility to industrial problem is less.
- Additional accessibility to latest journals and magazines is required.
- Additional bandwidth is desired for internet access.

BEST PRACTICE NO 2**TITLE: Students Centric activities to inculcate research culture.****Goals:**

- Providing state of the art research facilities in the laboratories.
- To identify the areas of research and set up laboratories suitable for their research.
- To motivate the faculties to inspire the students for research.
- To identify areas, to know the individual research interest and provide supporting infrastructure and facilities.
- To create the awareness among students regarding various research opportunities available as a career.
- To develop research culture in Institute and lifelong learning skills among students.

Context:

- To channelize the energy of budding engineers for research.
- To encourage students for research and innovative projects. This will improve their reasoning skills and technical knowledge in order to solve problems.
- In order to inculcate a research culture amongst students by referring to scientific journals and magazines.

The Practice:

Following measures are taken to meet the goals.

- The laboratories are updated as per the research requirements.
- Teachers work in line with vision and mission and research objectives in it are made known to students.
- Students are motivated by faculty to read the scientific and technical magazines to know about cutting edge technologies.

- Eminent personalities are invited to deliver guest lectures and guide students regarding how to carry out research in various fields.
- Motivational events are arranged for the students to participate in Technical / Research paper writing and Presentation.
- For final year students a workshop on Thesis Writing is organized each year.
- For PG students a Research Methodology workshop is organized each year.
- Institute sponsors to the students who presents papers/projects outside the campus.
- RGI students are allowed to participate in local research events without any entry fees.

Evidence of Success:

Some of the success stories are as follows.

- Very successful and enthusiastic participation of students in TRPCS for five successive year in various fields.
- Very enthusiastic participation of students in technical program called TechKrunch for two year.
- Technical program PAROKSHA participation.
- Annual technical exhibition organized by all departments.
- No. of students papers and projects successfully completed.
- Attendance of students for the technical lectures by experts.

Problems Encountered And Resources Required:

- Lack of Analytical ability has been observed among students.
- Research is understood as a difficult career option by the students.
- Additional accessibility to latest journals and magazines is required.
- Additional bandwidth is desired for internet access.