Yearly Status Report - 2017-2018

Part A	
Data of the Institution	
1. Name of the Institution	**RAO BAHADUR Y MAHABALESWARAPPA ENGINEERING COLLEGE**
Name of the head of the Institution	**Dr. Kuppagal Veeresh**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**08392245328**
Mobile no.	**9448055265**
Registered Email	**principalrymec@gmail.com**
Alternate Email	**hosalligiri@gmail.com**
Address	**cantonment**
City/Town	**Ballari**
State/UT	**Karnataka**
Pincode	**583104**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Urban**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Dr.Veeregangadhara Swamy T.M**
Phone no/Alternate Phone no.	**08392244809**
Mobile no.	**9449950591**
Registered Email	**swamytm@gmail.com**
Alternate Email	**iqacrymec@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://www.rymec.in/index.php/naactop

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.rymec.in/index.php/academics/academic-schedule

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B++**	**2.77**	**2017**	**30-Oct-2017**	**29-Oct-2022**

6. Date of Establishment of IQAC	**15-Jul-2017**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Seminar on Academic Audit	**17-Dec-2018**	**200**

Academic Audit Conducted	17-Dec-2018 2	200

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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Electronics and Communication	KFISTL1	VGST	2017 730	2000000
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	**5**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

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

1. Effective implementation of academic process. 2. Initiation to start new incubation, corporate relationship cell. 3. Inculcating Research Culture in the faculty and students. 4. Effective implementation of Additional skill set training to students.

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

Plan of Action	Achivements/Outcomes
LEAD initiated to Students.	Leadership and group working qualities of the students enhanced.

National cyber safety and security standards Resource Center started to give awareness towards cyber security	Resource center started to give awareness in research scope for cyber security and placements for faculty and students respectively.
Guidelines for preparation of Academic Calender with Dean Academics.	Effective implementation of academic process is implemented.
Forming guidelines for R&D cell	Many Faculties applied for research funding, research culture enhanced.
Conduction of International Conferences.	Two International Conferences were conducted.
Initiative taken to implement management Information System	Started implementing management Information System for Admission and Academic module.
Syllabus Monitoring Committe	Effective Completion of Syllabus
Attendance Monitoring System	Percentage of Attendance of Students increased.
Usage of ICT in Teaching and Learning process	New Technologies adopted in Teaching.
Regular Technical Workshops to enhance the skills of the students	Skill set of students enhanced
[View File](#)	

14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
Management	14-Dec-2018

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**No**
16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	2018
Date of Submission	01-Mar-2018
17. Does the Institution have Management Information System ?	**Yes**
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	The Institution has a partial Management Information System with the following broad features: 1. Personal Module. Here the detail of all the faculty members, service records, leave record and other necessary information is kept available. 2. Finance and

Accounts Module. This module maintains salary record, bills, tax record, tenders and other financial documents. 3. Library Module, This module encompasses e journals, books and other information 4. Website. The college has maintained its website which is updated regularly for the benefit of students and other relevant stakeholders. The internet connectivity to staff and free WiFi to students is effective part of MIS. Other relevant information is made available to the students through different social media platforms. Most of the official records are computerized. Online study material, e contents, is available for the benefit of students as well. The Institution maintains biometric mode of attendance for both teaching and nonteaching staff. The institution also installed many broadband connections for providing quality internet access within the campus.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

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

The institution follows the curriculum prescribed by the affiliating University, Visvesvaraya Technological University (VTU), Belagavi. The institution develops action plans for effective implementation of the curriculum prescribed by VTU. In the beginning of the academic year, the Academic dean prepares an academic calendar with the consultation of heads of various departments. The time table for the class work is prepared time table coordinator of the department and effective monitoring of the same is carried out by Course coordinator (CC). The seminars, assignments, internal assessments, unit tests as planned in the academic calendar are monitored by Internal test coordinator. Lesson plans and course files are maintained by each faculty for their respective subjects and are reviewed on a continuous basis by the HOD, program assessment committee (PAC) and the Principal. Mentor and mentee system is in place which helps the students to achieve their academic goals. The regular departmental, Class Teachers, Class representative ,HODs, Parents Teacher, PAC and CC meetings helps in taking suitable measures for the effective implementation of the academic process. The syllabus, question papers, notes, NPTEL materials, PPTs, lab manuals and videos for each subject are provided in the digital library which are downloadable.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
NIL	NIL	Nil	0	0	NIL

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nill	NIL	Nill

View File

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Mechanical Engineering	01/08/2017
BE	Civil Engineering	01/08/2017
BE	Computer Science Engineering	01/08/2017
BE	Electronics and Communication Engineering	01/08/2017
BE	Electrical and Electronics Engineering	01/08/2017
BE	Information Science and Engineering	01/08/2017
BE	Industrial and Production Engineering	01/08/2017
Mtech	Computer Science & Engineering	01/08/2017
Mtech	Structural Engineering	01/08/2017
Mtech	Digital Communication and Networking	01/08/2017
Mtech	Production Management	01/08/2017
Mtech	Thermal Power and Engineering	01/08/2017
MBA	HR, Marketing Finance	01/08/2017

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

	Certificate	Diploma Course
Number of Students	0	0

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Orientation Program on Gate Examination	18/08/2017	350
Technical Talk on Big Data Analytics	08/09/2017	100
Seminar on Study Abroad	04/11/2017	300

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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Computer Science & Engineering	97
BE	Electronics and Communication Engineering	96
BE	Civil Engineering	134
BE	Electrical and Electronics Engineering	126
BE	Mechanical Engineering	142
BE	Information Science and engineering	38
MBA	Finance/HR/Marketing	50
[View File]()		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
Alumni	Yes
Parents	Yes

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

Feedback Obtained
Yes, the institute has a formal mechanism to obtain feedback from students and stakeholders which is communicated to the university and also implemented at teaching and learning process at RYMEC. The following are the feedback obtained by the students and stakeholders: Student Feedback: The student feedback is obtained once in a semester ie., after I internal test. Alumni Feedback: Alumni feedback is obtained during alumni function which is regularly conducted by RYMEC every year. Parent's Feedback: The Parent's feedback is obtained during parent's teacher's meeting. Teachers Feedback : The teachers feedback is obtained once in a semester

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	Computer Science Engineering	120	108	101
BE	Electrical and Electronics Engineering	120	74	73
BE	Electronics and	120	86	83

	Communication Engineering				
BE	Civil Engineering	120	104	98
BE	Mechanical Engineering	120	93	87

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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2017	1498	184	170	16	186

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
186	186	68	40	5	5

View File of ICT Tools and resources

View File of E-resources and techniques used

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

Mentoring is to support and encourage people to manage their own learning in order that they may maximize their potential, develop their skills, improve their performance and become the person they want to be. Mentoring is a powerful personal development and empowerment tool. It is an effective way of helping people to progress in their careers and is becoming increasing popular as its potential is realized. It is a partnership between two people (mentor and mentee) normally working in a similar field or sharing similar experiences. It is a helpful relationship based upon mutual trust and respect. A mentor is a guide who can help the mentee to find the right direction and who can help them to develop solutions to career issues. Mentoring provides the mentee with an opportunity to think about career options. The RYMEC Institute is working towards enhancing the institutional culture to better serve the needs of an ever-changing and dynamic learning community. Effective mentoring begins with the faculty. When it comes to academic success and persistence, there is no substitute for a healthy relationship between faculty and students. Mentoring and Guidance provides Encouraging students to discuss their ideas. Encouraging students to try new techniques and expand their skills. Each faculty is assigned 15 to 20 students. The faculty monitors their progress and reports to department in-charge of counseling cell. This mentoring is for over-all development of the student. A counseling sheet is maintained by faculty, where attendance, examination marks and family details are recorded. The same is continued till the student completes his/her graduation. The periodic status will be submitted to the parents/Guardians

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1682	186	1:9

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
199	186	13	5	32

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2017	NIL	Nill	NIL
2018	NIL	Nill	NIL
View File			

2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BE	ME	8TH SEM	26/05/2018	30/07/2018
Mtech	SCS	4TH SEM	28/04/2018	14/08/2018
MBA	MBA	4TH SEM	13/07/2018	01/10/2018
View File				

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

Mechanism of internal assessment is transparent and robust in terms of frequency and mode Our Institute is affiliated to Visvesvaraya Technological University (VTU), Belagavi and approved by AICTE, New Delhi. The college has transparent and robust evaluation process in terms of frequency and variety. In order to ensure transparency in internal assessment, the system of internal assessment is communicated with the students well in time. The performance of the students is displayed on the Notice board and communicated to the students. Personal guidance is given to the poor performing the students after their assessment. Students appearing for Second /third year are asked to deliver the seminars of the concerned subject. Topics are given by their teachers to the students to prepare for power point presentation. For transparent and robust for internal assessment, the following mechanisms are conducted Internal Examination Committee. Question Paper Setting. Conduct of Examination Result display Interaction with students regarding their internal assessment The method of internal assessment helps the teachers to evaluate the students more appropriately. Due to internal assessment, the interest of the student towards learning and attending the classes has been also increased. It has created the interest among the students to take active participation in various co-curricular and extra-curricular activities for their overall personality development. The seminar presentation improves the communication skills of the students which is very essential to face the interviews. In this way mechanism of internal assessment is transparent and robust.

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

Yes, institute always adheres to the academic calendar, for every semester, the

college has a well-structured academic calendar that corresponds to Visvesvaraya Technological University, Belagavi academic calendar. The vision and mission statements, events, and departmental specific programmes for the current semester are all included in the calendar. The full semesters timetable has been established month by month and week by week. The academic semester also includes events such as Graduation Day, College Cultural Meet, Blood Donation Camp, NSS activities, Alumni events, and Feedback Week. For the convenience of both students and staff. The timetable for the continuous internal examination (CIE) is distributed well in advance. The academic coordinator will then construct a subject-by-subject schedule, seating arrangements, room superintendents, and squad teams are all part of the process. The Continuous Internal Evaluation is held in accordance with the university end-of-year examination schedule. The system is made from with 1. Question paper and scheme preparation is based on percentage of syllabus coverage, Curse outcomes and Bloom Taxonomy levels by the respective faculty in collaboration with the course coordinator. 2. The Head of the Department examines and approves the question paper. The assessment marks and attendance will reach the parent/office as soon as possible, allowing for the necessary action plan to be implemented. During all semesters, the departments rigorously adhere to meetings such as parent meetings, departmental meetings, term beginning and closing dates.

2.6 – Student Performance and Learning Outcomes

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

https://www.rymec.in/index.php/academics/co-s-po-s

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
ME	BE	Mechanical Engineering	155	149	96.13
ECE	BE	Electronics And Commmunication Engineering	117	95	81.19
CS	BE	Computers Science and Engineering	110	105	94.54
ISE	BE	Information science	38	38	100
CIVIL	BE	Civil Engineering	134	128	95.52
EEE	BE	Electrical Engineering	126	93	73.8
MBA	MBA	HR/MARKETING/FINANCE	27	18	66.66
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2.7 – Student Satisfaction Survey

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

https://www.rymec.in/index.php/s-feedback

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Minor Projects	365	KSCST,GOK,Bengaluru	0.05	0.05
Major Projects	730	VGST	2000000	1000000
View File				

3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
workshop on Industrial safety measures and regulationson	Mechanical Engineering	21/05/2018
One Day Industrial Visit to M/S Halleys Blue Steels Pvt Ltd , Industrial Area Ballari	Mechanical Engineering	14/10/2017
One Day Industrial Visit to M/S Mcallus Ltd , Industrial Area Ballari	Mechanical Engineering	09/05/2018
One Day District Level Symposium on "Science, Engineering Society"One Day District Level Symposium on "Science, Engineering Society"	Electronics And Communication Engineering	17/02/2018
industrial visit to ISRO Sriharikota	Electronics And Communication Engineering	07/05/2018
Development Program On "Internet of Things (IoT)"by Software Engineer XTrans Solutions	Computer Science and Engineering	03/08/2017
"Web development"	Computer Science and Engineering	09/03/2018
Industrial visit to TCS Think campus,	MBA	21/03/2018

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category

Selected as University Blue for Hockey Tournament 2018	Mr. Lakshmi Kanth N	VTU Sports, Belagavi	16/09/2017		Sports
Selected Participated as University Blue for Kho-Kho Tournament 2018	Mr. Gireesh K M	VTU Sports, Belagavi	16/09/2017		Sports
Selected as University Blue for Hockey Tournament 2018	Mr. Prashanth Kumar H	VTU Sports, Belagavi	16/09/2017		Sports
Gold Medal Award for Best Presentation at University of Delhi, New Delh	Dr. Nagabhushana N M	nternational Conference on Technologically Advanced Materials (ICTAM) and Asian Meeting on Ferroelectricity (AMF10)	07/11/2016		Research paper
Best Research paper	Mr Sharath Kumar K, Swetha S, T Mounika, Sowmya E and Kavitha J	ICACA-18 held at RYMEC, Ballari	12/04/2018		Research paper
Best Research paper	Dr. Anuradha S G Ms Suchitra M	ICACA-18 held at RYMEC, Ballari	12/04/2018		Research paper
Indonesia-India International Throwball championship	Miss. Aruna Kumar S	Padang Indonesia	25/02/2018		Sports
Throw ball event Indo-Thailand championship	Ms Chandrakala	Bangkok, Thailand	16/09/2017		Sports
[View File](#)					

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
nil	nil	nil	nil	nil	Nill
[View File](#)					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

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

Name of the Department	Number of PhD's Awarded
Mechanical Engineering	2
Civil Engineering	1
Computer Science and Engineering	1
Industrial and Production Engineering	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
National	Civil Engineering	4	5
International	Civil Engineering	12	6.97
International	Mechanical Engineering	40	5.5
International	Electrical and Electronics Engineering	25	1.23
International	Computer Science and Engineering	31	4.4
International	Information science and Enginnering	6	5
International	MBA	3	2.17

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

Department	Number of Publication
Civil Engineering	1
Mechanical Engineering	5
Electronics And Communication Engineering	20
Computer Science and Engineering	61
Information science and Enginnering	6
MBA	1

View File

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Combined Effect of Flyash GGBS on Workability	Arun B R , Nagaraja .P.S, Srishaila Jagalur Ma	International Journal of Pure and Applied Ma	2018	2	RYMEC Ballari	0

Title of the Paper	Name of Author	Title of journal	Year of publication		Institutional affiliation as mentioned in the publication
and Mechanical Properties of Self Compacting Geopolymer concrete"	halingasha rma	thematics			
Influence of Mn Content on Tribologic al Wear Behaviour of ZA-27 Alloy	Veerabha drappa Algur	Materials today proc eedings,	2017	2	RYMEC Ballari	2
Eagilla: An Enhanced Mobile Agent Middleware for Wireless Sensor Networks	Lingaraj K	Alexandria Engineerin g Journal, Elsevier B.V. http: //dx.doi.o rg/10.1016 /j.aej.201 7.03.003	2017	16	RYMEC Ballari	16

Note: the first table above contains the columns: Title of the Paper | Name of Author | Title of journal | Year of publication | (count) | Institutional affiliation | (count)

[View File](#)

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
A Safe Driving Embedded System Integrated with CAN Protocol	Dr. Savita Sonoli	IEEE Int ernational Conference	2017	6	18	RYMEC Ballari
OMMIP: An Optimized multiple mobile agents itinerary planning for Wireless Sensor Networks	Lingaraj K	Journal of Informa tion and O ptimizatio n Sciences- Taylor Francis	2017	13	7	RYMEC Ballari
"Detecting and	Dr.B.Sre epathi and Mrs.	Internat ional Journal	2018	1	1	RYMEC Ballari

removing web application vulnerabilities with Taint Analysis"	PRUTHVI H.M	for Science and Advance Research in Technology (IJSART) Volume 4				
			View File			

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	52	54	24	0
Presented papers	64	5	0	0
Resource persons	2	4	9	0
		View File		

3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Voluntary Blood donation camp	RYMEC Swamy Vivekananda blood bank	4	380
Voluntary Blood donation camp	RYMEC VIMS Blood bank	4	109
Essay and Drawing Competition on HIV/AIDS prevention and control	RYMEC, Ballari	2	15
Orientation programs on Global warming, conservation of Water energy	KPG High school Thambrahalli	2	165
		View File	

3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NIL	NIL	NIL	0
		View File	

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
SVEEP	RYMEC	SVEEP Activity for Moral and ethical voting	3	34
LEAD	RYMEC	Collecting Food Grains To donate orphanage and Street Dog Care.	2	30
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3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
NIL	NIL	NIL	0
View File			

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
MOU	Internship	BSNL, Mysuru. Government Sector	26/12/2017	31/12/2019	80
MOU	on-the-job training	PRIMETECH HVAC Refrigeration	11/01/2018	31/12/2019	60
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
PRIMETECH HVAC Refrigeration	10/01/2018	To impart trainings for the staff and students in the domain of Refrigeration Air Conditioning.	80
BSNL, Mysuru. Government Sector	26/12/2017	Internship	75

Costuco, Hyderabad. Company	26/12/2017	1.Placement Drive,2.Seminar on Career Guidance	60
	View File		

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
150	126.5

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
View File	

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
EASYLIB	Fully	WEB	2016

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	150817	2946786	7993	3314197	158810	6260983
Reference Books	10184	259651	567	231972	10751	491623
e-Books	13888	460000	0	0	13888	460000
e-Journals	7	232500	120	257100	127	489600
	View File					

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

(Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
JEVARGI PHAKERAPPA	MATHEMATICS	VTU EDUSAT Programme AT VTU e-Leaning Stidio	14/02/2018

View File

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	506	22	0	1	1	6	124	0	0
Added	5	0	0	0	0	0	0	0	0
Total	511	22	0	1	1	6	124	0	0

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

10 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Handicam, Tripod, TV, Still Camera, Scanner, Internet, Wi-Fi etc.	https://www.rymec.in/index.php/facility

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
400	340.43	100	108.27

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

There are established systems and procedures for maintaining and utilizing physical, academic and support facilities such as laboratory, sports complex, computer, classroom etc in the institute. The maintenance of physical, academic and support facilities are carried out by the respective departments with the help of in house staff on daily basis and periodically. And care has been taken to keep the equipment's, machine etc. in working condition. In case of breakdowns standard procedure is followed to bring the equipment/machine in working condition. A supervisor is appointed to monitor and maintain the physical facilities and Housekeeping. A brief description is presented below on maintenance and utilization of some facilities. 1. Laboratories (All Labs Computer center): Each laboratory has one teacher as lab incharge, a Lab Assistant and attendant. Lab in-charge is responsible to maintain and upgrade the laboratory with necessary equipments from time to time to cope with change in the syllabus. Dead stock verification (Physical Verification) is carried out

to verify working/nonworking/missing equipment's etc. Preventive maintenance and performance monitoring is carried out. Every laboratory assistance keeps the record of utilization of equipments, computers and other required material for experiments. 2. Library: Librarian with supporting staff has been appointed to maintain central library. They focus on the availability and utilization of instructional material in teaching and learning process. At end of the Academic year stock verification is done. Librarian will prepare the report on the same and utilization of books by the students and staff. Procurement of books as per the requirement is initiated through library committee by inviting the requirement of books from various departments this is then processed following the procurement procedure. 3. Sport/ground/equipment's: Physical Director of the institute looks after the sports facilities and the activities. The sports equipment's are issued to the students as per the schedule of the events. If any equipment's get faulty sport director submits proposal for maintenance. Preventive maintenance measures are taken in time. Sport director is responsible for keeping the record of utilization of sport Facilities, activities held, and awards for the students etc. 4. Class Rooms: Class rooms are allocated to all departments along with necessary ICT tools. The class rooms are utilized as per the time table of the department. The class rooms are cleaned on daily basis monitored by institute supervisor. Head of the institute, HODs and Class teachers also monitor the cleanliness and ensure that the cleanliness is maintained in the class rooms. 5. IT facilities: All departments in the institute are having PCs, essential software and peripherals .The laboratory technicians and s system administrator maintain the IT facilities in the institute. In case of major issues of maintenance vendors are hired for maintenance of IT facilities. 6. Electrical, Drinking water coolers, Lift etc.: Institute has employed technicians (electrician and plumber) for up keeping and maintenance of electrical and water drinking facility. Institute has also appointed housekeeping staff to maintain the gardens. 7. CCTV, Security etc.: To maintain internet connectivity and CCTV security system, network and system

https://www.rymec.in/images/IQAC/Procedures_and_policies_for_maintianing_and_utilizing_physical_academic_and_support_facilities.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	NIL	0	0
Financial Support from Other Sources			
a) National	Govt of Karnataka	1317	23967940
b)International	NIL	0	0
View File			

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

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Mentoring system	22/08/2016	1682	RYMEC
Remedial coaching	03/10/2016	100	RYMEC
YOGA Competition	20/03/2018	500	RYMEC

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2017	Career opportunities for BE students in Japanese companies	50	0	0	5
2018	TCS offerings and Hiring tips	220	0	0	40

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
TATA CONSULTANCY SERVICES	220	40	FIRST AMERICAN ,BANGALORE(@BIET ,Davanagere)	3	1

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2017	17	BE	Civil Engineering	VTU	M.Tech
2017	1	BE	Mechanical Engineering	M.Tech – PESIT, Bangalore	M.Tech
2017	1	BE	Computer Science and	Bangalore Institute of	CNE

		Engineering	technology	

View File

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	0
GATE	0
TOFEL	0

View File

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

Activity	Level	Number of Participants
Throw ball	International	5
VTU Hockey	University	12
VTU KHO-KHO	University	12

View File

5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2017	Indo-Thailnad Thorw ball	International	1	Nill	3VC15CS023	Chandrakala T
2018	World karate championship	International	1	Nill	3VC17EC008	B.Balaji

View File

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

The students involvement in a various academic, administrative, co- curricular and extracurricular activities such as: 1. Anti-Ragging Committee / High level standing Committee 2. Grievance Redressal Committee 3. Internal Complaints Committee 4. Internal Quality assurance cell (IQAC)

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

RYMEC Alumni Association functions as a nodal agency for maintaining liaison with the alumni and to involve them in the development and growth of the institution. It will promote and encourage the alumni to exchange professional knowledge by undertaking and facilitating conferences, seminars, lectures, and meetings amongst alumni, students, faculty, and others. Continuous interaction with Alumni is expected to widen the placement opportunities of the students. Alumni Day is being organized by the concerned departments. Based on the convenience of the Alumni, Alumni day is celebrated every year

5.4.2 – No. of enrolled Alumni:

2531

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

300000

5.4.4 – Meetings/activities organized by Alumni Association :

Activities and support from the Alumni Association 1. Alumni Meet was held on 27/10/2018 2. Alumini meet is schduled on 19/01/2019 3. conducting alumni meet intraction with alumni through website rymec.almaconnect.com

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

RYMECs participative management believes in decentralized leadership at all levels of administration, and a strong structure has been put in place to maintain and improve educational quality. The Governing Council (GC) is the Apex body in charge of overseeing all of the institutions activities. Since its foundation, the GC, which consists of the College VVSangha's office bearers , Chairman of the institute and Governing body members, industry representatives, and principal, has guided the institute on a constructive path toward attaining its mission. The Governing Council is responsible for developing a long-term strategy for the institutions growth and expansion, as well as reviewing and approving the annual budget and expenditures. Principal, chairperson of several committees, teaching staff, IQAC committee, non-teaching and supporting staff, student representative (C.R.), stakeholders, and alumni make up the colleges empowered team. The institute has established IQAC as per National Assessment and Accreditation Council (NAAC) guidelines in 2017. The IQAC is a part of the institution's system and works towards the realization of the goals of quality enhancement and its sustenance. The IQAC ensures the effective implementation of quality initiatives through continuous reviews and periodic meetings. The IQAC works towards attaining excellence in all academic activities and for continuous improvement in the teaching-learning process.

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

Partial

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Research and Development	Applied for Research Promotions Schemes such as AICTE,VGST,etc.. MBA Research centre with total 3 scholars. Thrust areas- a). Employee productivity b). Digital marketing c). Quality of work life d). Financial Analysis
Examination and Evaluation	INTERNALASSESSMENTMARKS 80:20 ? There shall be a maximum of 20 Internal Assessment Marks in each theory or practical paper. For seminars, the

Internal Assessment marks shall be 50. ? The Internal Assessment marks in a theory paper shall be based on two tests generally conducted at the end of 6thand 12thweek of each semester. An additional test may be conducted for the desirous students before the end of the semester to give an opportunity to such students to improve their Internal Assessment Marks, subject to the provisions of 15OB 4.13. The test shall be answered in Blue Books with pages serially numbered. These blue books shall be kept in the custody of the Principal of the College until after one month from the date of announcement of the result by the University. These shall be made available to University authorities for verification as per the directions of the Registrar (Evaluation)/ Registrar. ? Average of the better marks obtained from any two tests shall be the Internal Assessment Marks for the relevant subject. ? If a student remains absent for all the Internal Assessment tests conducted, the Internal Assessment Marks shall be marked as AB for the subject against the University Seat Number (USN) of the student in the marks sheet submitted to the University by the Principal of the College. ? In the case of a Practical, the IA marks shall be based on the laboratory journals/reports and one practical test. ? The IA marks for I year Computer Aided Engineering / Drawing: a) 12 marks for class work (sketching and Computer Aided engineering drawing). b) 08 marks for test in the same pattern as that of the main examination (better of the two tests)The IA marks for other Drawings and Design Drawings offered by various branches shall be based on the evaluation of the sheets and one test in the ratio 60:40. ? The IA marks in the case of projects and seminars in the final year shall be based on the evaluation at the end of 8thsemester by a committee consisting of the Head of the concerned Department and two senior faculty members of the Department, one of whom shall be the project / seminar guide. ? The final list, incorporating corrections (if any) of IA marks awarded to the students in the Theory/Practical/Internship/Project work/ Seminar, shall be displayed on

the notice board of the college at least seven days before the closure of the semester and a certified copy of the same shall be sent by the Principals to the University Examination Section within the stipulated date. Every page of the IA marks sheet shall bear the signatures of the concerned Teacher/Teachers, Head of the Department and Principal. ? Any corrections or over writing of IA marks shall bear the signature(s) of concerned Teacher(s) and in such cases the Head of the Department shall on every sheet indicate the number of corrections and attest it with his signature. ? A student failing to secure a minimum of 50 of the IA marks in Practical/Internship/Project work shall not be eligible for the Practical/Internship/Project of the University examination. ? For seminars, the minimum requirement of IA marks shall be 40 of the maximum. Such students as mentioned in 15OB 4.10 shall repeat the laboratory work/Internship/project work during the subsequent semester(s) and secure at least the minimum marks prescribed. ? For theory subjects, there shall not be any minimum requirements of IA marks. ? Improvement of IA marks shall not be allowed A). In theory subjects and B). In Laboratory/Workshop/Seminar/ Internship / Project where the student has already secured the minimum required marks. ? IA marks of those students to whom 15OB 4.11 is applicable, shall be sent separately to the Registrar (Evaluation). ? IA marks shall reach the University before the commencement of examination as per the notification from the office of the Registrar(Evaluation) from time to time. After the submission of Internal Assessment marks to the University, any request for change of IA marks shall not be considered under any circumstances. Continuous Internal Evaluation Marks60:40 ? Except for Technical seminar and Project work phase -1, the CIE marks for all credit Courses, shall be 40. ? Minimum CIE marks for all theory Courses shall be 40 of the marks prescribed for Continuous Internal Evaluation i.e., 16 marks. ? Minimum CIE marks for Practical/ Mini-project /

Internship/Technical Seminar/Project work – Phase 2 shall be 50 of the maximum marks i.e.20 marks. ? The CIE marks for Technical seminar and Project work phase -1shall be 100. ? Minimum CIE marks for Project work – Phase 1 and Technical seminar shall be 50 of the maximum marks i.e., 50 marks. ? Minimum CIE marks for Additional Mathematics I and II, and the courses Engineering Graphics and Elements of Civil Engineering and Mechanics of the First Year Engineering) to be completed by BS.c graduates under lateral entry shall be 40 of the marks prescribed for Continuous Internal Evaluation i.e., 16 marks. ? CIE Marks in each theory Course [including "Technical English I and II", "Constitution of India, Professional Ethics and Human Rights", "Environmental Studies", "Additional Mathematics I and II", and the courses (Engineering Graphics and Elements of Civil Engineering and Mechanics of the First Year Engineering) to be completed by B.Sc graduates under lateral entry] shall be the sum of marks prescribed for tests and assignments. Marks prescribed for tests shall be 30 and that for assignments 10. ? The CIE marks awarded for tests in the theory Course/shall be based on three tests generally conducted at the end of fifth, tenth and fifteenth week of each semester. Each test shall be conducted for a maximum of 50 marks and the final test marks shall be the average of three tests, proportionately reduced to a maximum of 30 marks. ? The remaining 10 marks shall be awarded based on the evaluation of assignments/unit tests/written quizzes that support to cover both lower and higher order thinking skills as per Bloom's Revised Taxonomy and Course/programme outcomes. ? Final marks awarded shall be the sum of 18OB 8.2 (a) (ii) and (iii) for a maximum of 40 marks. ? The candidates shall write the tests, assignments/unit-tests /written quizzes in Blue Books which shall be preserved by the Principal/ Head of the Department for at least six months after the announcement of University results and shall be made available for verification at the direction of the Registrar (Evaluation). Drawing/Field work Co ? The CIE marks awarded for I

year Engineering Graphics Course shall be based on ? Class work for 24 marks (sketching and Computer Aided Engineering Drawing). ? Two Tests conducted in the same pattern as that of SEE for 16 marks (The marks secured Can be taken as best of the two tests). ? The CIE marks awarded for higher semester Drawings/ Design Drawings offered by various branches shall be based on the evaluation of the sheets and one test in the ratio 60:40. ? The CIE marks awarded for field work (like Surveying Practice) shall be based on the evaluation of the associated field work and one test in the ratio 60:40. ? Practical Courses The CIE marks awarded in case of Practical, shall be based on the weekly evaluation of laboratory journals/ reports after the conduction of every experiment and one practical test in the ratio 60:40. ? Internship The CIE marks awarded for internship, shall be based on the evaluation of Internship Report, Presentation skill and Question and Answer session in the ratio 50:25:25. ? Technical Seminar The CIE marks awarded for Technical Seminar, shall be based on the evaluation of Seminar Report, Presentation skill and Question and Answer session in the ratio 50:25:25. ? Mini - Project The CIE marks awarded for Mini - Project, shall be based on the evaluation of Mini - Project Report, Project Presentation skill and Question and Answer session in the ratio 50:25:25.The marks awarded for Mini - Project report shall be the same for all the batch mates. Main Project Work ? Project Work Phase – 1 The CIE marks awarded for project work phase -1, shall be based on the evaluation of project work phase -1 Report, Project Presentation skill and Question and Answer session in the ratio 50:25:25.The marks awarded for the Project report shall be the same for all the batch mates. ? Project Work Phase - 2 The CIE marks awarded for project work phase -2, shall be based on the evaluation of project work phase -2 Report, Project Presentation skill and Question and Answer session in the ratio 50:25:25.Themarks awarded for Project report shall be the same for all the batch mates. ? Vyavaharika Kannada (Kannada for

		communication)/Aadalitha Kannada (Kannada for Administration) ? CIE Marks in Vyavaharika Kannada (Kannada for communication)/Aadalitha Kannada (Kannada for Administration) shall be the sum of marks prescribed for tests and assignments. Marks prescribed for tests shall be 75 and that for assignments be 25. ? The CIE marks awarded for the tests shall be based on three tests generally conducted at the end of fifth, tenth and fifteenth week of each semester. Each test shall be conducted for a maximum of 25 marks and the final CIE marks shall be the sum of the marks of all the three tests. ? The remaining 25 marks shall be awarded based on the evaluation of assignments/unit tests/written quizzes that support to cover both lower and higher order thinking skills as per Bloom's Revised Taxonomy and Course/programme outcomes. ? Final marks awarded shall be the sum of 18OB 8.2 (h) (ii) and (iii) for a maximum of 100 marks. The candidates shall write the tests, assignments/unit-tests /written quizzes in Blue Books after the announcement of University results and shall be made available for verification at the direction of the Registrar (Evaluation).
	Teaching and Learning	• Mini project Implementation in java • Mini project Implementation in C# Dot Net platform using visual Studio 2017 • Quiz (Hardcopy/google form) • Case studies in Computer organization • Execution of java programs simple to advance concepts • Applications of BMS in real life • Blended learning in advance technologies of computer network • Work sheet/case studies • E-R diagrams of various use case scenarios in OOMD • Mini project Implementation in Web programming • Case Studies in Management and Entrepreneur • Design examples and case studies in Embed computing system • Blended learning activity on case studies of IT Industries in the Management and Entrepreneur subject • Hands on experience for executing java programs • Case studies and application in real world , proving and disproving methods and interface • Problem solving in operating system • IQAC
	Curriculum Development	1) CURRICULUM DEVLOPMENT IS DONE BY

		UNVERSITY SUGGESTION IS SENT THROUGH B.O.E AND B.O.S
	Library, ICT and Physical Infrastructure / Instrumentation	YES, ICT the following tools are used for ICT 1. Projectors- projectors are available in different classrooms/labs 2. Desktop and Laptops- Arranged at Computer Lab and Faculty cabins all over the campus and Printers are installed at Labs, HOD Cabins and all prominent places. 3. Photocopier machines - Multi function printers are available at all prominent places in the institute. There are 4 Photostat machines available in campus. 4. Scanners- Multi function printers are available at all prominent places. 5. Seminar Rooms- seminar halls are equipped with all digital facilities. 6. Auditorium- It is digitally equipped with mike, projector, cameras and computer system. 8. MOOC Platform (NPTEL, etc) 9. Digital Library resources1. Projectors- projectors are available in different classrooms/labs library Central Library: Our central library is fully computerized by automating the issue of books with bar code reader. The library has Text Books 158850 ,Reference Books 10751,e-Books 13888,Journals120,e-Journals 09.titles covering all major fields of Science and Engineering. The library covers an area of 6385 sq. ft. with conference room and an ample study space. The central library is air-conditioned. Excellent Resources are available for self-learning at Central library Access to library and books from book bank . Infrastructure facilities: Campus area -- 53acres Class rooms- 45 Laboratories-51 Seminar Halls -04
	Curriculum Development	Curriculum planning and Execution Rao Bahadur Y Mahabaleswarappa Engineering College (RYMEC) is a Visvesvaraya Technological University (VTU) affiliated college. Our faculty will review the curriculum and identify any gaps in relation to industry expectations, which they will communicate to the university via BOS for future semester updates. They will prepare a lesson plan when the faculties have been assigned subjects. The college prepares and implements action plans for effective curriculum implementation in a methodical manner. To begin, the colleges principal meets

	with the department heads on a regular basis to establish various techniques for effective curriculum implementation. The affiliating university academic calendar serves as the foundation for planning the college semester. Academics are prioritized in the college semester plan, which includes action plans, a start date, and a last working date. A calendar of events for each department has been created. Following that, faculty members from various departments hold an internal staff meeting to discuss subject allocation based on expertise and establish academic plans for the current semester, such as timetables, lesson plans, and course files. Based on mandated syllabi, course outcomes (COs) are framed in coordination with the course coordinator and corresponding professors. Apart from traditional lecture sessions, the curriculum includes pedagogy of creative methods such as presentations, assignments, handouts, e-lectures, discussions, workshops, seminars, and industrial visits, and the same is taken for permission by their Head of Department and then the Principal. Lesson plans and subject course files with syllabi, previous question papers, and Internal Assessment each faculty maintains question papers with a scheme of evaluation, internal assessment consolidated marks, and CO – PO achievement sheets for their particular topics, which are examined on a regular basis by the department review committee. Apart from regular sessions, tutorial classes, case study presentations, Guest Lectures, and workshop hours are meant to improve students capacity to deliver unique subjects connected to various courses of the curriculum. Remedial classes and motivational sessions are scheduled for pupils who require them in order to achieve academic achievement.
Human Resource Management	As per the AICTE norms and guidelines for the recruitment and working load of faculty, the establishment section obtain the staff requirement lists from all the heads of departments and arrive at the number of faculty members and administrative staff required.

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

E-governace area	Details
Finance and Accounts	With the aim to produce immediate information in finance and Accounts i.e."Single Click Accounting" , this section of College is partially e-governed. The college uses the Tally ERP 9.0 software for the transparent functioning of Accounts department. The same software is used to generate various reports like Consolidated Day Book General Day Book Daily Cash Collection report.
Student Admission and Support	Customer Relationship management (CRM) is also used for admission. The college website act as a mirror of the college information. Alumni portal is provided on website for the information of pass out students
Examination	Filling of examination forms, obtaining admit cards, uploading of marks etc. everything is done in University online portal. Academic cell of College Examination oversees the complete process of examination under the guidance of the Dean of Examination of the institution
Planning and Development	To use ICT in the process of planning college-events and activities, institute uses personal e-mails .Important notices and reports are also circulated via e-mails. E-governance is the integration of Information and Communication Technology in all the working processes of the system. It aims to minimize the manual efforts and improve the communication, create transparent system, and to be cost and time effective.
Administration	To achieve the target of Paperless IQAC , committee members of it started using Google facilities like Google sheet :- For data collection from Various Departments. Google Docs :- To prepare notices and activity reports. Google Forms :- To prepare Feedback forms and get Online feedbacks of Students, Parents. Google Drives :- To keep all department wise proofs. The college has Bio metric attendance for teaching and non-teaching staff. The college campus is equipped with 65 CCTV Cameras installed at various places of need. To surveillance on mobile by Principal and HOD using gDMSSplus application is available and software is available for surveillance on

computer for college Authorities. The Administration communicates with Governing Body members as well as the teaching and non-teaching staff through email . All important administrative information including notices is regularly published on the website WhatsApp Group helps to provide the brief notices of any event to be happened on college. WhatsApp Groups are also used for awareness and of smooth functioning of the same

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Ms. Manasa K C	3 Days Workshop on Advancements in NS-2/3 using TCL scripts C Programming at SVCE, Bangalore from 29th to 30th Jan 2018.	--	700
2017	Vinay Gadigi	International Conference on Science, Techno logy,Engineerin g And Managemen t,Milan,Italy	-	77000
2017	Dr.Srishaila. J.M	Effect of mineral admixtures on kinetic property and compressive strength of self compacting concrete" ICOCE-2017, Hanoi, Vietnam, 8th -10th May, 2017	--	2000
		[View File](#)		

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme	Title of the administrative training programme	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)

	organised for teaching staff	organised for non-teaching staff				
2017	5days FDP on Programmable Logic Controller and Power Electronics	-	31/07/2017	04/08/2017	15	0
2018	Analysis and Design of RC Structures Using CYPE and ETABS	-	30/07/2018	02/08/2018	23	0

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
2 days FDP Best Practices in outcome Based Education	23	08/11/2017	09/11/2017	02
Analysis and Design of RC Structures Using CYPE and ETABS	23	30/07/2018	02/08/2018	04

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
5	5	1	1

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Medical Allowance,Group Insurance,Full paid Maternity Leave,Employees Provident Fund as per PF rules, Compensatory Leaves,	Medical Allowance,Group Insurance,Full paid Maternity Leave,Employees Provident Fund as per PF rules, Compensatory Leaves, festival advance	Fee concession to wards of economically weak staff

6.4 – Financial Management and Resource Mobilization

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

The Institution has established a mechanism for conducting internal and

external audits on the financial transactions every year to ensure financial compliance. External audit is conducted once in every year by an external agency Process of the external audit: The accounts of the college are audited by chartered accountant regularly as per the government rules. The auditor ensures that all payments are duly authorized after the audit, the report is sent to the management for review. Any queries, in the process of audit would be attended immediately along with the supporting documents within the prescribed time limits. The institution did not come across with any major audit objection during the preceding years. All these mechanisms exhibit the transparency being maintained in financial matters and adherence to financial discipline to avoid defalcation of funds or properties of the institution at all levels. The audited statement is duly signed by the authorities of the management and chartered accountant.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Endowment fund(Smt Shantha G Goud),Sandeep Kezrival memorial fund	35000	student who is outstanding in academic performance.

[View File](#)

6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Dr. Mohan	Yes	Dr. Girish
Administrative	Yes	Dr,Mohammed Rafi,CSE,UBDT Davanagere	Yes	Dr. Girish

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

(i) The performance of a child is discussed. (ii) The personal as well as academic problems of a child can be discussed jointly and efforts made to solve these problems. (iii) Celebration of festivals can be organized. Invite parents and community members and accept their viewpoints. (iv)Awarding the toppers of 1st year in presence of all parents to motivate student to achieve academic excellence (v)To disseminate the purpose of Outcome Based Education to the parents (vi)To give information regarding various committees and purpose of each committee at the department level ,so that the students can discuss their problem by approaching respective committee member (vii) Parent teacher meet was held 15 22 Dec 2018 (viii) phone call and parents meet

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

1.Outcome based and accreditation NITTTKR,Kolkata held during 24/09/2018 to 28/09/2018 by Dr Urmila Kar,Professor,NITTTKR,Kolkata 2.TWO DAYS FDP ON MACHINE LEARNING held during 27/07/2018 and 28/07/2018 By Prof. Ravi Kumara,Professor,Rayalaseem University,AP. 3.2nd INTERNATIONAL CONFERENCE on Advances in Computing Application ICACA 2018 in association with IFERP held during 25/04/2018 26/04/2018 By Dr.S.G.Anuradha Associate Prof Dept of CSE

RYMEC Ballari 4.Two days workshop on Ethical Hacking during 7/04/2018 8/04/2018 by Mr.Vikas Jaiswal,Anvira Edustation Mumbai 5.TWO DAYS FDP ON ANGULAR JPS during 22nd 23rd Dec 2017 by Jagadesh Patil,Team Leader in Theorem Technology India pvt. Ltd, Mysore 6

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

1.Acton plan prepared to improve academic process quality 2.Acton plan prepared for individual department activities 3.preparation for academic and administrative audit

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	No
c)ISO certification	No
d)NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Semenar on Academic Audit	17/12/2018	17/12/2018	17/12/2018	200
2018	Action Plan Presentation form each Department	01/08/2018	01/08/2018	08/08/2018	20

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
International Womens Day	08/03/2018	08/03/2018	85	10

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

Percentage of power requirement of the University met by the renewable energy sources
Sl/No Title Date 1 Collecting Food Grains To donate orphanage and Street Dog Care. 25-03-2018 2 Creating Awareness about Ballari Police App to the Public. 28-03-2018 3 Painting the Road Humps in Ballari-Bangalore Highway upto 40Kms. 30-03-2018 4 Donating Food Grains to Street Dog Care Home. 01-04-2018 5 D-Earth. 02-04-2018 6 Celebrating Friendship Day with Orphanage Children's. 05-08-2018 7 Celebrating Aug-15 By Planting the 250 plant's in college and named as "PRUDVI YOGA". 15-08-2018 8 KodaguJothe RYMEC. 18-08-2018 9 RakshaBandana With Rakshakaru. 26-08-2018 10 Creating Awareness About Avoid Violence Against Women. 03-09-2018 11 Teacher Day with Teacher. 05-09-2018 12 Night Alertness 06-09-2018 13 Gourakshane. 13-09-2018 14 Blood Donatation 26-09-2018 15 SwachhBharath . 02-10-2018 16 ShiraDanna(Milk Donatation).

07-10-2018 17 Anna Dhaan (Food Donatation). 08-10-2018 18 Hostel Plantation. 18-11-2018 19 One day FDP on Digital Circuit and System Application 30-07-2018 20 One Day FDP on Antenna RADAR Application 31-07-2018 21 One Day District Level Symposioum on " Science, Engineering Society 07-02-2018 22 Hands on training on VERILOG LAB for Govt Polytechnic Ballari 15.03.2018 23 Phoenix Green Campus 27-09-2017

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	**Yes**	**4**
Physical facilities	**Yes**	**4**
Rest Rooms	**Yes**	**1**
Provision for lift	**Yes**	**4**
Scribes for examination	**Yes**	**1**

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	**Nill**	**1**	**25/03/2018**	**01**	**Collecting Food Grains To donate orphanage and Street Dog Care**	**Orphange issues**	**30**
2018	**Nill**	**1**	**28/03/2018**	**01**	**Creating Awareness about Ballari Police App to the Public.**	**Ballari Police App**	**40**
2018	**Nill**	**1**	**30/03/2018**	**01**	**Painting the Road Humps in Ballari-Bangalore Highway upto 40Kms.**	**Traffic safety issues**	**32**
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)

Code of ethics and conduct for the administrators	21/09/2016	1. Encourage outstanding teaching, research, and other professional activities. 2. Maintain a safe and clean environment for student learning and faculty research. 3. Treat faculty, staff, and students fairly and impartially. 4. Strive to ensure the availability of resources required to accomplish goals and objectives
Code of ethics and conduct for the students	21/09/2016	1. He/she shall be regular and must complete his/her studies in the College. 2. All students must uphold academic respect to all persons and their rights and property and safety of others etc. 3. He/she must carry the identity card, issued by the college. 4. he/she should not Park a vehicle in a no parking zone 5. He/she is forbidden for Smoking on the campus of the college. 6. He/she should not indulge in any act of discrimination (physical or verbal conduct) based on an individual's gender, caste, race, religion or religious beliefs, colour, region, language, disability, marital or family status, physical or mental disability, gender identity, etc. 7. He/she should not indulge in any disruptive activity in a class room or in an event sponsored by the college. 8. Cheating and Copying during examinations are forbidden. 9. All the students are informed that Ragging is a crime. So they should not involve in any act of ragging such as use of spoken /written word or any act which has the

			effect of teasing, treating or handling with rudeness any student. 10 Any student of the college aggrieved by any acts of sexual harassment or ragging can approach the Student Grievance Redressal cell at the college.
Code of ethics and conduct for the faculty	21/09/2016		1.Always be punctual in attending to duties in the college. 2.Treat all students with respect and dignity and be just and impartial to all irrespective of caste, creed, sex, status, religion, language and place of birth 3. Seek to establish and maintain cordial relations with parents/ guardians. 4. Work in a collaborative manner with students, guardians, management, and other members of staff, relevant professionals and the wider school community, as appropriate, in seeking to effectively meet the needs of students. 5. Faculty should exhibit intellectual honesty and integrity in all their scholarly endeavours. 6. Faculty should refrain from lodging unsubstantiated allegations against colleagues or higher authorities 7. Faculty should participate in programmes of professional growth like in-service education and training, seminars, symposia workshops, conferences, self-study etc . 8.Faculty should avoid conflict between their professional work and private interests which could reasonably be deemed to impact negatively on

		pupils/students
Code of ethics and conduct for the support staff	21/09/2016	1. Make efforts to enhance administrative efficiency. 2.Remain familiar with and adhere to college policies relevant to his responsibilities. 3.Take necessary and appropriate action to ensure constituents' safety and wellbeing in and around the college community. 4.Provide students, faculty, other staff, and administration with the tools and assistance they require to perform effectively. 5. Act promptly to remedy deficiencies, such as equipment failures, or classroom problems. 6. Prepare all reports, vouchers, bills, invoices, records, and other important documents accurately and honestly.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Induction Programme	04/09/2017	05/09/2017	446
SwachhBharath	02/10/2018	02/10/2018	80
	View File		

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

Phoenix Green Campus on 27.09.2017. D-Earth on 02.04.2018. Celebrating Aug-15 By Planting the 250 plant's in college and named as "PRUDVI YOGA" on 15.08.2018 SwachhBharath abhiyana on 02.10.2018 Hostel Plantation on 18.11.2018

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Mini Project Implementation in java 2. LbD Activity on Database Application Development

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

https://rymec.in/index.php/academics/best-practices

7.3 – Institutional Distinctiveness

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

Giving back to society and Environment The Veerasaiva Vidyavardhaka Sangha is

Registered Education Body started in 1916. The Sangha over the years, with a humble beginning with a Sanskrit Pathasala and a Primary Kannada School, has grown in size and strength. It now runs 2 Middle Schools, 5 High Schools, 1 Jr. College and 9 Degree Colleges of Arts, Science and Commerce, 5 Educational Institutions, Law, 2 Engineering, B. Pharmacy, D. Pharmacy Colleges, Polytechnic and Institute of Management. The achievements of the Sangha have been hailed by eminent scholars, administrators and men of eminence and standing who had occasion to visit the participate in the functioning of the Institutions of the Sangha. The good transparency of the institution which distinctive from the other institution. Governing body takes decision in the meeting, give the power of implementation to the principal and Principal decentralize his power to all the committee. Now committee is totally responsible for the work to initiate with the management supports from all these committee. Under the leadership of the Principal most of the faculty members engaged themselves and involved in different social related research activities with the support of Governing Body. College has a practice of good decentralization and participative management system. There are several committees, cell in function. The College has planned to develop the teacher's quality by organizing (FDP) Faculty Development Programme from time to time and to introduce new technology in the class room teaching through LCD projectors and smart boards and allow the students a positive platform to present their views through seminars and symposiums. This is the key objectives to produce good human resources with skill and ability to serve the Nation. The Vision, Mission and Objectives are communicated through College website, hoardings and posters and disseminated in all the important place of the college. We believe in high standards of academic, professional, and societal performance. And college life is not all about academics, games, friends, and fun. It is also about learning to interact with other people, being aware of social, environmental and gender issues, and inequities in the society. We provide an opportunity to every student to contribute to make the society in which they live a better place and to grow as better individuals. The Rao Bahadur Y Mahabaleswarappa Engineering College, BALLARI has committed itself to the task of inculcating social values and responsibilities in its students. In line with its vision of working towards the socio-economic development of the country, the institution has taken utmost care to give back to the community. Student committees are formed to carry out the duties towards society. The induction program gives the freshmen an insight into the institute's values and vision. Along with other sports cultural and technical activities, the NSS unit plans activities like tree plantation and field visits to expose the students to the pressing issues in our society. A session on Universal Human Value (UHV) is arranged by experts. Not only that, every first-year faculty member has completed a short-term

Provide the weblink of the institution
https://www.rymec.in/images/IQAC/Portary_the_performance_of_the_institution_in_one_area_distinctive.pdf

8.Future Plans of Actions for Next Academic Year

1.Initiative taken to implement management Information System fully 2.Syllabus Monitoring Committee 3.Conduction of International Conferences 4.Attendance Monitoring System 5.Guidelines for preparation of Academic Calender with Dean Academics 6.Usage of ICT in Teaching and Learning process 7.Guidelines follow up for RD cell 8.MOUs with Industries and Organizations planned. 9.LEAD (LEader Accelerating Development) activities planned for the students 10.Regular Technical Workshops to enhance the skills of the students.