



Yearly Status Report - 2019-2020

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.T Hanumantha Reedy |
| Designation | Principal |
| Does the Institution function from own campus | Yes |
| Phone no/Alternate Phone no. | 08392245328 |
| Mobile no. | 9448043949 |
| Registered Email | principalrymec@gmail.com |
| Alternate Email | principal@rymec.in |
| Address | Contonment |
| City/Town | BELLARY |
| State/UT | Karnataka |
| Pincode | 583104 |

| 2. Institutional Status | | | | | |
|---|-------|---|----------------------|---------------------------------------|-------------|
| Affiliated / Constituent | | Affiliated | | | |
| Type of Institution | | Co-education | | | |
| Location | | Urban | | | |
| Financial Status | | Self financed | | | |
| Name of the IQAC co-ordinator/Director | | Dr.Veeragangadhara swamy TM | | | |
| Phone no/Alternate Phone no. | | 08392245328 | | | |
| 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/images/IOAC/AOAR.pdf | | | |
| 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/vtu-calender | | | |
| 5. Accrediation Details | | | | | |
| Cycle | Grade | CGPA | Year of Accrediation | Validity | |
| | | | | Period From | Period To |
| 1 | B++ | 2.71 | 2017 | 23-Sep-2017 | 25-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 | |
| webinar on Creative | | 24-Jun-2020 | | 25 | |

| | | |
|---|------------------|-----|
| Design On Adobe Photoshop And Illustrator | 1 | |
| webinar on Strategic Planning For Career Enhancement | 05-Jun-2020 1 | 110 |
| webinar on IOT And Its Applications | 27-May-2020 1 | 100 |
| webinar on Strategic Planning & Best Practices For Engineering Institutes | 22-May-2020 1 | 160 |
| Administrative Audit | 14-Sep-2019 3 | 150 |
| Academic Audit | 04-Nov-2019 1 | 150 |
| College level committees activities audit | 10-Oct-2019 1 | 150 |
| Action plan from each department for the Academic year | 05-Aug-2019 1 | 200 |
| Action plan for covid pandemic | 08-May-2020 1 | 200 |
| skybird aviation skill development MoU | 02-Jun-2020 1 | 200 |
| View File | | |

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 |
|--------------------------------|---|--|-----------------------------|---------|
| Institution | 43rd series of student Project programme 201920 | KSCST | 2019 365 | 24500 |
| Institution | Innovation Projects | New Age Incubation Network(NAIN) | 2019 365 | 1946500 |
| Department | VTU-Avishkar | Visvesvaraya Technological University | 2019 365 | 5000 |
| Department | K-FIST-L1 | VISION GROUP ON SCIENCE AND TECHNOLOGY | 2019 730 | 1000000 |
| Department | CONDUCT OF CONFERENCE | AICTE | 2019 2 | 500000 |
| Department | FDP | AICTE | 2019 5 | 362000 |
| Institution | ENTREPRENEURSHI | Visvesvaraya | 2019 | 150000 |

| | | | | |
|---------------------------|-----------------------|---------------------------------------|-----------|--------|
| | P DEVELOPMENT PROGRAM | Technological University | 3 | |
| Institution | FDP | Visvesvaraya Technological University | 2019 5 | 300000 |
| View File | | | | |

| | |
|--|-----|
| 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 : | 4 |
|---|---|

| | |
|--|-----|
| 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. Effective implementation of the process related to NAIN(New Age Incubation Network) and corporate relationship cell. 3. Continuing Inculcating Research Culture in the faculty and students. 4. Effective implementation of Additional skill set training to students. 5. Initiation towards MOUs with Industries and Organizations

| |
|---------------------------|
| View File |
|---------------------------|

| |
|--|
| 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 |
|--|---|
| MOU's with Industries and Organizations planned. | Few MOU's executed. |
| Usage of ICT in Teaching and Learning process | New Technologies adopted in Teaching. |
| LEAD(LEader Accelerating Development) activities planned for the students. | Leadership and group working qualities of the students enhanced. |
| Guidelines follow up for R&D cell | Faculties applied for research funding and research culture of the students enhanced. |

| | |
|--|--|
| Guidelines for preparation of Academic Calendar with Dean Academics. | Effective implementation of academic process is implemented. |
| Initiative taken to implement management Information System | Few models implemented. |
| Syllabus Monitoring Committee | Effective Completion of Syllabus |
| Mentor mentee system activated | improvement in students culture and academics |
| Regular Technical Workshops and webinars to enhance the skills of the students | Skill set of the faculty and students enhanced |
| View File | |

| | |
|--|-----|
| 14. Whether AQAR was placed before statutory body ? | Yes |
|--|-----|

| Name of Statutory Body | Meeting Date |
|------------------------|--------------|
| Governing council | 26-Mar-2021 |

| | |
|--|----|
| 15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ? | No |
|--|----|

| | |
|---|-----|
| 16. Whether institutional data submitted to AISHE: | Yes |
|---|-----|

| | |
|--------------------|------|
| Year of Submission | 2020 |
|--------------------|------|

| | |
|--------------------|-------------|
| Date of Submission | 30-Mar-2020 |
|--------------------|-------------|

| | |
|--|-----|
| 17. Does the Institution have Management Information System ? | Yes |
|--|-----|

| | |
|--|---|
| If yes, give a brief description and a list of modules currently operational (maximum 500 words) | presently have academic module, where faculty can use for students attendance and CIE marks entry , student management module etc |
|--|---|

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). 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. Syllabus monitoring committee monitors the syllabus completion on regular basis by taking feedback from students and staff.

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 | Nil | Nil |

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

| Programme/Course | Programme Specialization | Dates of Introduction |
|---------------------------|--------------------------|-----------------------|
| Nil | NIL | Nil |
| 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 | 01/08/2019 |
| BE | Civil Engineering | 01/08/2019 |
| BE | Computer Science Engineering | 01/08/2019 |
| BE | Electronics and Communication Engineering | 01/08/2019 |
| BE | Electrical and Electronics Engineering | 01/08/2019 |
| BE | Information Science and Engineering | 01/08/2019 |
| BE | Industrial Production and Engineering | 01/08/2019 |
| Mtech | Computer Science & Engineering | 01/08/2019 |
| Mtech | Structural Engineering | 01/08/2019 |
| Mtech | Digital Communication and Networking | 01/08/2019 |
| Mtech | Production Management | 01/08/2019 |
| Mtech | Thermal Power and | 01/08/2019 |

| | | |
|------------|------------------------------|-------------------|
| | Engineering | |
| MBA | HR, Marketing Finance | 01/09/2019 |

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 |
|--|----------------------|-----------------------------|
| NPTEL | 12/08/2019 | 55 |
| MOOC | 03/09/2019 | 20 |
| PYTHON LAB | 12/09/2019 | 100 |
| ADVANCED C LAB | 25/09/2019 | 100 |
| One week Workshops | 03/10/2019 | 100 |
| Soft Skills | 29/04/2019 | 40 |
| Introduction to Python | 20/11/2019 | 63 |
| Invention, Innovation, Incubation Training | 12/11/2019 | 20 |
| Employability Entrepreneurial Skills | 06/09/2019 | 19 |
| placement training Programme | 18/03/2019 | 47 |
| View File | | |

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 | 112 |
| BE | Electronics and Communication Engineering | 105 |
| BE | Civil Engineering | 152 |
| BE | Electrical and Electronics Engineering | 126 |
| BE | Mechanical Engineering | 100 |
| BE | Information Science and engineering | 9 |
| BE | Finance/HR/Marketing | 120 |
| View File | | |

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

| | |
|-----------|-----|
| Students | Yes |
| Teachers | Yes |
| Employers | Yes |

| | |
|---------|-----|
| Alumni | Yes |
| Parents | Yes |

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

Feedback Obtained

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 feedbacks obtained by the students and stakeholders: 1. Student Feedback: The student feedback is obtained once in a semester i.e., after I internal test. 2. Alumni Feedback: Alumni feedback is obtained during alumni function which is regularly conducted by RYMEC every year. 3. Parent's Feedback: The Parent's feedback is obtained during parent's teacher's meeting. 4. Based on the feedback from stakeholders, corrective measures will be implemented in teaching learning process.

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 and Engineering | 180 | 190 | 188 |
| Mtech | Computer Science and Engineering | 18 | 9 | 9 |
| BE | Electronics and Communication Engineering | 120 | 68 | 68 |
| Mtech | Electronics and Communication Engineering | 18 | 2 | 2 |
| BE | Civil Engineering | 120 | 87 | 87 |
| Mtech | Structural Engineering | 18 | 18 | 18 |
| BE | Electrical and Electronics Engineering | 120 | 60 | 56 |
| BE | Mechanical Engineering | 120 | 44 | 44 |
| MBA | Finance/HR/Marketing | 60 | 100 | 60 |
| Mtech | Production Engineering | 18 | 8 | 8 |

[View File](#)

2.2 – Catering to Student Diversity

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

| Year | Number of students enrolled in the institution (UG) | Number of students enrolled in the institution (PG) | Number of fulltime teachers available in the institution teaching only UG courses | Number of fulltime teachers available in the institution teaching only PG courses | Number of teachers teaching both UG and PG courses |
|------|---|---|---|---|--|
| 2019 | 2378 | 198 | 164 | 20 | 0 |

2.3 – Teaching - Learning Process

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

| Number of Teachers on Roll | Number of teachers using ICT (LMS, e-Resources) | ICT Tools and resources available | Number of ICT enabled Classrooms | Number of smart classrooms | E-resources and techniques used |
|--|---|-----------------------------------|----------------------------------|----------------------------|---------------------------------|
| 184 | 80 | 25 | 36 | 24 | 6 |
| 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)

Students, in general, are counselled by faculty members. Generally, a group of ten students are allotted to a faculty member for counselling purpose. The counselor monitors the academic progress of the students and counsels them for their academic growth. Faculty members counsel the students only in respect of their academic problems and are restricted from looking into their personal problems.

| Number of students enrolled in the institution | Number of fulltime teachers | Mentor : Mentee Ratio |
|--|-----------------------------|-----------------------|
| 2501 | 184 | 1:14 |

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 |
|-----------------------------|-------------------------|------------------|--|--------------------------|
| 184 | 184 | 0 | 5 | 37 |

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 |
|---------------|---|-------------|--|
| 2019 | Dr Anuradha SG | Professor | IC-EGMTIISE award for teacher with higher potential |
| 2019 | Dr.Savita Sonoli | Professor | DExcellence in Teaching Award,NATS ,Dallas,USA |
| 2019 | Dr.S.KOTRESH | Professor | 43 RD SERIES OF STUDENT PROJECT PROGRAMME BY KSCST |

[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 | CSE | 8 | 25/07/2020 | 20/08/2020 |
| BE | ECE | 8 | 25/07/2020 | 20/08/2020 |
| BE | Civil | 8 | 25/07/2020 | 20/08/2020 |
| BE | Mech | 8 | 25/07/2020 | 20/08/2020 |
| BE | EEE | 8 | 25/07/2020 | 20/08/2020 |
| BE | ISE | 8 | 25/07/2020 | 20/08/2020 |
| MBA | HR Marketing | 4 | 25/07/2020 | 20/08/2020 |

[View File](#)

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

The institution is affiliated to VTU and hence governed by its rules. As per norms, three internal assessment tests are conducted in a semester, Questions for the IA tests are generally chosen from old VTU question papers. Evaluation is strictly as per the scheme prepared by the teacher who has set the question paper, VTU examination pattern is followed in conducting IA tests. The evaluated blue books are shown to students for clarifications. Also the IA marks are displayed on notice board. A Monitoring Committee exists to resolve any issues of the students relating to internal assessment. Attendance is an integral part of the internal assessment. Each Experiment in the laboratory is evaluated and marks will be allotted as when student completes the experiment.

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

In the beginning of the semester, the Academic Monitoring Committee, in consultation with the Principal and also referring to the VTU academic calendar, prepares an academic calendar enlisting the working days, holidays, internal assessment test schedule and dates of important events in the semester. Based on this, each department prepares its own academic calendar adding dates for departmental events. Subject allotment is normally done well in advance such that faculty members, especially new comers, get sufficient time for preparation of necessary teaching aids. Once subject allotment is complete, the Concerned faculty member has to prepare the teaching plan as per the VTU syllabus, referring to departmental academic calendar. Internal Assessment tests are conducted strictly as per the guidelines of VTU, the affiliating University. Immediately after the test, the blue books are evaluated by the concerned faculty based on scheme of evaluation. Students are given an opportunity to see the books as well as the scheme of evaluation and seek clarifications, if any.

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/programs/under-graduate/computer-science-engineering-new>

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 |
|--------------------------|----------------|--------------------------|---|---|-----------------|
| ISE | BE | ISE | 9 | 9 | 100 |
| FINANCE/HR AND MARKETING | MBA | FINANCE/HR AND MARKETING | 55 | 49 | 90 |
| PRODUCTION | Mtech | PRODUCTION | 8 | 8 | 100 |
| THERMAL | Mtech | THERMAL | 2 | 2 | 100 |
| MECH | BE | MECH | 86 | 86 | 100 |
| CIVIL | BE | CIVIL | 151 | 151 | 100 |
| ECE | BE | ECE | 104 | 98 | 94 |
| EEE | BE | EEE | 126 | 118 | 93.65 |
| SCS | Mtech | SCS | 8 | 8 | 100 |
| CSE | BE | CSE | 112 | 110 | 98.12 |

[View File](#)

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/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 | 0.04 | 0.04 |
| Minor Projects | 365 | VTU, AVISHKAR | 0.05 | 0.05 |
| Minor Projects | 365 | KSCST, GOK, Bengaluru | 0.05 | 0.05 |
| Major Projects | 365 | VGST scheme of KFIST Level(1) | 20 | 10 |

[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 |
|--------------------------------|-------------------|------------|
| Research methodology and Latex | CSE | 08/07/2019 |

| | | |
|--|------|------------|
| 5 Days FDP on Artificial Intelligence | CSE | 26/05/2020 |
| 5 Days STTP on BlockCHAIN | CSE | 10/06/2020 |
| One day Seminar on "E-Resource Awareness Program" | ECE | 03/11/2020 |
| One day Invited Talk on "Invention, Innovation, Incubation Training" | ECE | 12/11/2020 |
| Research methodology and Latex | MECH | 08/07/2019 |
| Seminar on carrer building and personality develoment | MBA | 29/11/2019 |
| Workshop on Employbulity and Entreneurships skills | MBA | 06/09/2019 |

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 |
|---|---|--|---------------|--|
| Wireless Head motion Controlled Smart Wheel Chair | Ms.Mushaira Team under the guidance of Dr.Savita Sonoli | KITS,Department of IT,BT,ST,gov ernment of Karnataka | 18/11/2020 | Student Project under N AIN,RYMEC,Balla ri |
| Smart Energy Efficient IOT Health Monitoring System using Estimated Computing | Dr.S.Prabhava thi | Intellectual Property, Government of India | 31/07/2020 | Patent Publication |

[View File](#)

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

| Incubation Center | Name | Sponsered By | Name of the Start-up | Nature of Start-up | Date of Commencement |
|-------------------|------|-----------------------------|----------------------|--------------------|----------------------|
| Incubation Center | NAIN | KARNATAKA INNOVATION AND CO | Nil | PROJECTS | 24/01/2019 |

[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 |
|------------------------|-------------------------|
| CSE | 2 |
| MECH | 2 |

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

| Type | Department | Number of Publication | Average Impact Factor (if any) |
|---------------------------|------------|-----------------------|--------------------------------|
| International | CSE | 9 | 6.7 |
| International | ECE | 29 | 6.23 |
| International | MECH | 27 | 5.1 |
| International | MBA | 4 | 6.23 |
| International | EEE | 1 | 0.41 |
| View File | | | |

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 |
|---------------------------|-----------------------|
| ECE | 31 |
| MECH | 27 |
| EEE | 14 |
| CSE | 38 |
| 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 |
|--|----------------|-------------------------------|---------------------|----------------|---|---|
| Deploying Firefly DNN and spider monkey model in flood disaster surveillance | Raghu kumar KJ | Solid state technology-scopus | 2020 | Nil | RYMEC | Nil |
| 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 |
|---|---------------------------------|------------------|---------------------|---------|---|---|
| Production of Biofuels and Performance and Emission characteristics | Dr Hirego udar Yerran nagoudaru | JETIR | 2019 | 9 | 0 | RYMEC |

| | | | | | | |
|---|--------------------------|--|------|---|---|-------|
| tics of Biofuels and Diesel in Four stroke Single Cylinder Diesel Engine | | | | | | |
| Production of Biofuels and Performance and Emission characteristics of Biofuels and Diesel in Four stroke Single Cylinder Diesel Engine | Dr Manjunatha K | www.jetir.org | 2019 | 9 | 0 | RYMEC |
| A Review on Machining of Hybrid Aluminium Metal Matrix Composites | Dr. Veer abhadrapa Algur | International Research Journal of Engineering and Technology | 2020 | 4 | 0 | RYMEC |

[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 | 22 | 13 | 0 | 65 |

[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 |
|-----------------------------------|--|--|--|
| UTTARA Karnataka jothe rymec | LEAD - Hubballi | 10 | 40 |
| SVEEP-awareness on ethical voting | SVEEP-DISTRICT LEVEL | 2 | 155 |
| slowdown and save life | Youth Red cross | 1 | 20 |

| | | | |
|-------------------------------|-----|---|-----|
| VOLUNTARY Blood donation camp | NSS | 4 | 109 |
| 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 |
|--|-------------------|-----------------|------------------------------|
| Paper reviewer for IEEE access | Paper reviewer | IEEE | 7 |
| Paper reviewer for journal of super computer | Paper reviewer | spinger | 2 |
| 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 activities | Number of students participated in such activities |
|---------------------------|---|--|--|--|
| LEAD -RYMEC | LEAD - Hubballi | UTTARA Karnataka jothe rymec | 10 | 40 |
| SVEEP-RYMEC | SVEEP-DISTRICT LEVEL | SVEEP-RALLY-awareness on ethical voting | 2 | 155 |
| Government Karate Section | Indian Marshal Art Sansthan | 75 Kg Weight Lifting | 1 | 1 |
| CSR activity | Arivu Ballari | Awareness on article 371J HK reservation | 6 | 60 |
| View File | | | | |

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 |
|---------------------------|-------------|-----------------------------|----------|
| Webinar ABET | 150 | FREE | 1 |
| Webinar OBE | 135 | FREE | 1 |
| STTP BC | 32 | FREE | 5 |
| Research Methodology | 150 | VTU | 5 |
| 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 | Duration From | Duration To | Participant |
|-------------------|----------------------|--|---------------|-------------|-------------|
|-------------------|----------------------|--|---------------|-------------|-------------|

| | | | | | |
|---------------------------|---------------------------|-------------------------------------|------------|------------|----|
| | | with contact details | | | |
| Internship | industries for internship | Gudluri Venu Software India Pvt.Ltd | 08/01/2020 | 09/02/2020 | 18 |
| View File | | | | | |

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 |
|--|--------------------|--|---|
| VSK University, Ballari. | 19/07/2019 | Training | Nil |
| Knowledge Solutions India A Microsoft -AEP | 11/02/2020 | Delivery Partner-Training/Workshop/Certification | Nil |
| 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 |
|--|--|
| 450 | 382 |

4.1.2 – Details of augmentation in infrastructure facilities during the year

| Facilities | Existing or Newly Added |
|---------------------------|-------------------------|
| Others | Newly Added |
| 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 partially) | Version | Year of automation |
|---------------------------|---|---------|--------------------|
| KOHA | Fully | 18 | 2010 |

4.2.2 – Library Services

| Library Service Type | Existing | | Newly Added | | Total | |
|----------------------|----------|----------|-------------|---------|-------|----------|
| | | | | | | |
| Text Books | 11218 | 35300652 | 4218 | 1427250 | 15436 | 36727902 |
| Reference Books | 11123 | 3018975 | 546 | 242307 | 11669 | 3261282 |
| e-Books | 13888 | 720840 | 339 | 274000 | 14227 | 994840 |
| Journals | 131 | 282000 | 131 | 282000 | 262 | 564000 |
| e- | 6 | 2234750 | 6 | 1875750 | 12 | 4110500 |

| | | | | | | |
|---------------------------|----------|---------------|----------|----------|----------|---------------|
| Journals | | | | | | |
| Digital Database | 1 | 472500 | 0 | 0 | 1 | 472500 |
| 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 |
|---------------------|--------------------|---------------------------------------|-----------------------------|
| nil | nil | nil | Nil |
| No file uploaded. | | | |

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 | 750 | 29 | 0 | 1 | 1 | 1 | 6 | 35 | 0 |
| Added | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 750 | 29 | 0 | 1 | 1 | 1 | 6 | 35 | 0 |

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

| |
|---------------|
| 35 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 |
|---|---|
| Programs Of Micro controller laboratory on youtube | https://www.youtube.com/playlist?list=PLt6c25m-N1dJx5ioo6QLutorXKsNpEQVg |
| Basic Electrical Engineering Course For First year Students | https://www.youtube.com/playlist?list=PLk-I-3ToTZmbjRcZUnx903qXR9SZWLDtp |

4.4 – Maintenance of Campus Infrastructure

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

| Assigned Budget on academic facilities | Expenditure incurred on maintenance of academic facilities | Assigned budget on physical facilities | Expenditure incurred on maintenance of physical facilities |
|--|--|--|--|
| 650 | 627 | 450 | 382 |

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

| |
|--|
| The College has established policies and procedures to create the infrastructure at par with the standards and norms of AICTE, VTU, with respect to human resources (Faculty, Technical and Administrative staff), laboratory equipment, built-up place, learning resources, (print and electronic and |
|--|

teaching learning aids). Whenever variation intake and new courses are introduced. The Policy regarding the infrastructure requirements are planned accordingly. ? To plan for class rooms as per the requirements. ? To establish laboratory as per the syllabus. ? To have seminar halls board rooms. ? To provide amenities like canteen, transport, playgrounds etc. ? To establish class rooms and laboratories for newly sanctioned departments. ? To include infrastructure to accommodate the increase in student strength in the existing departments. ? To purchase books in central library and departmental library to meet the requirements. The infrastructure required is planned by various departments and annual budget is prepared. After getting the approval from the Chairman necessary actions are initiated. The following guidelines are followed to finalize the purchase procedure: HODs will submit their requirements along with the budget estimation for the academic year by June / July to the Principal. HODs through lab in charges will call for quotations for the equipments and prepare the comparative statement. concerned HOD and the faculty coordinator after relevant discussions will forward the purchase request with the approval of Principal to the Management. The purchase order shall be placed by the Management to the respective company. After receiving the equipment along with the bill, the department will test and verify as per specifications mentioned in the purchase order. If the department is satisfied with the equipment, the bills will be passed after duly entering into stock registers and the bills will be sent to the office for payment. The office after receiving the bills enters in to the central stock register and clears the bills. The department shall maintain copy of all the correspondences and to make entry in separate stock registers for recurring and non-recurring items for each laboratory.

<http://www.rymec.in>

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 | EBC(Economically Backward) | 58 | 513740 |
| Financial Support from Other Sources | | | |
| a) National | SC,ST and OBC scholarship FROM SSP/NSP | 1670 | 52396300 |
| 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 |
|---|-----------------------|-----------------------------|---------------------------|
| placement training program | 15/07/2019 | 37 | Carrer prime organization |
| yoga and meditation | 20/08/2019 | 110 | pathanjali yoga samithi |

[View File](#)

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 passed in the comp. exam | Number of students placed |
|------|-----------------------------|--|--|--|---------------------------|
| 2019 | Career Development | 0 | 0 | 0 | 30 |
| 2019 | KAS&IAS Road Map to Success | 35 | 0 | 0 | 0 |
| 2020 | career/placement training | 0 | 37 | 0 | 0 |
| 2020 | IAS | 1 | 1 | 0 | 0 |

[View File](#)

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 | | |
|-------------------------------|---------------------------------|---------------------------|-------------------------------|---------------------------------|---------------------------|
| Name of organizations visited | Number of students participated | Number of students placed | Name of organizations visited | Number of students participated | Number of students placed |
| tcs | 48 | 3 | Nil | Nil | Nil |

[View File](#)

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

| Year | Number of students enrolling into higher education | Programme graduated from | Department graduated from | Name of institution joined | Name of programme admitted to |
|------|--|--------------------------------|--------------------------------|---|-------------------------------|
| 2020 | 1 | Computer Science & Engineering | Computer Science & Engineering | Sonia Gandhi College Of Education, Ballari | B.Edu |
| 2020 | 1 | Computer Science & Engineering | Computer Science & Engineering | Dayananda Sagar College of Engineering, Bengaluru | M-Tech |
| 2020 | 1 | Computer Science & Engineering | Computer Science & Engineering | People's Education Society University, | M-Tech |

| | | | | | |
|---------------------------|---|--------------------------------|--------------------------------|---|--------|
| | | | | Bengaluru | |
| 2020 | 2 | Computer Science & Engineering | Computer Science & Engineering | University Visvesvaraya College of Engineering | M-Tech |
| 2020 | 1 | Computer Science Engineering | Computer Science Engineering | Karnataka Lingayat Education Society Technological University, Hubballi | M-Tech |
| 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 |
|---------------------------|---|
| GATE | 2 |
| GRE | 1 |
| Any Other | 4 |
| View File | |

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

| Activity | Level | Number of Participants |
|-------------------|-----------------|------------------------|
| access-2020 | institute level | 110 |
| No file uploaded. | | |

5.3 – Student Participation and Activities

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

| Year | Name of the award/medal | National/ Internaional | Number of awards for Sports | Number of awards for Cultural | Student ID number | Name of the student |
|------|--------------------------------------|------------------------|-----------------------------|-------------------------------|-------------------|---------------------|
| 2019 | gold | Internat ional | 1 | Nil | 3vc17ec008 | balaji .B |
| 2019 | distric level essay comp etition | National | Nil | 1 | 3vc19mba05 | Anusha s |
| 2019 | distric level essay comp etition | National | Nil | 1 | 3vc19mba20 | Gideon |
| 2019 | zonal level volley ball compe tition | National | 1 | Nil | 3vc18mba31 | Naresh |
| 2019 | zonal level volley | National | 1 | Nil | 3vc18mba41 | Karthik |

| | | | | | | |
|---------------------------|-------------------------------------|----------|---|-----|------------|---------|
| | ball competition | | | | | |
| 2019 | zonal level volley ball competition | National | 1 | Nil | 3vc18mba57 | varun k |
| View File | | | | | | |

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

The organisation aims at the all-round development of students and organizes several academic, co-curricular, and extracurricular events throughout the year in association with the University and other organizations. The functions and events conducted by the above mentioned committees are as follows: 1. Student Grievance: This committee addresses complaints lodged by any student and effectively resolves the grievances of students. It maintains discipline among the students. It also empowered to look into matters of harassment. 2. Anti-Ragging: This committee ensures zero ragging incidents in the institute and also spreads awareness among students against any type of ragging activities. 3. Sport: This committee organizes various sport events at the local, state, national levels. It also organizes the interdepartmental sports events. Our students actively participate in various sports in intercollegiate, interuniversity, state, national and international levels. 4. Technical Activities: Every Department is having an active Student Chapter associated with the ACM Chapter, Computer Society, India (CSI), and Indian Society of Technical Education (ISTE). These chapters conduct various programs viz Expert lectures Industrial visits to name a few. Institute also organizes international conferences .

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The main objectives of the association are 1. To encourage and nurture the interaction between Alumni and the institute benefited mutually to both. 2. To urge the Alumni to take interest in the process and development of the institute. 3. To guide the students of the Institute for professional development, higher education, and being good citizens. 4. To promote the formation of regional chapters to increase participation of Alumni 5. To organize and support recruitment activities for the students of the institute. 6. To boost the students of the Institute and Alumni members of the Association for research development work in various fields of Engineering. 7. To mentor students of the Institute on various professional careers available and support them through various activities such as workshops, expert advice, seminars, industrial visits, etc. 8. To foster the industry institute interaction to bridge the gap between industry and education offered by the institute and enhance students' employability. 9. To encourage and support students of the Institute in sports, cultural and extra-curricular activities. 10. To publish a newsletter, books, journals for the public interest. 11. To provide medical support to existing and retired teaching and non-teaching staff. 12. To assist and guide students and ex-students of the Institute for anti-ragging, and any other anti-social activities. 13. To help towards preservation of the environment, pollution control activities against air, water and sound by street play, demos, handbills, and all possible ways of social awareness. 14. To help natural calamity sufferers and victims of disasters like earthquakes, floods, fire, storms, etc.

5.4.2 – No. of enrolled Alumni:

500

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

400000

5.4.4 – Meetings/activities organized by Alumni Association :

yes

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)

Participation of all the stakeholders (both internal and external) to achieve the vision of the institution is the quality policy of the institution and are allowed to express their view as and when required. Faculty members are participating department level Committee Coordinators. Parents Teachers meetings regularly organised to ask their view for the improvement of the institution. Students are allowed to represent their view as a Class Representative and other event coordinator. Staff meetings are conducted with the management to take views on developing institution and its activities

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

Yes

6.2 – Strategy Development and Deployment

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

| Strategy Type | Details |
|--|--|
| Admission of Students | 1. Simplified Admission Process 2. Alumni Testimonials Alumni Networks. 3. Easy Effective Communication with Students. 4. Articles Blogs. 5. Social Media. 6. Effective Curriculum Implementation. 7. 100 Placement Assurance. 8. Giving Excellent Facilities. |
| Industry Interaction / Collaboration | - Industry Institute Interaction Cell of the Institution headed by the Training and Placement Officer bridges the gap between Institute and Industry. Speakers are invited from the industry to deliver the lectures on the current topics. |
| Human Resource Management | Excellent Human Resource Management department is available called Establishment section to take care HRM activities. |
| Library, ICT and Physical Infrastructure / Instrumentation | State of the art Library facilities are available with Digital Information access, Institute have primarily relied upon establishment of ICT methods of teaching and Excellent physical infrastructure facilities are |

| | |
|----------------------------|---|
| | available. |
| Research and Development | - Research projects are undertaken by the students and the faculty members from time to time. Students are encouraged to learn research tools and methodology through class assignments, project works/term papers, and mentorship by faculty. To motivate the faculty in research and development, their participation is encouraged in attending conferences, seminars and workshops. The necessary financial support is extended by the college. |
| Examination and Evaluation | Examination and Evaluation will be conducted as per the University Norms |
| Teaching and Learning | - Implementation of outcome based teaching, learning and continuation evaluation methodology. - Institute have primarily relied upon establishment of ICT methods of teaching. - Feedback from the students is taken for the regular improvement. - Regular monitoring is conducted on the syllabus coverage and students satisfaction by Internal Quality Assessment Cell. - Programs are designed for advance learner slow learners. |
| Curriculum Development | • Faculty members interact extensively with the university departments at the time of curriculum design or revision, if any. |

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

| E-governance area | Details |
|--------------------------|--|
| Planning and Development | The Institution has a very active and vibrant Staff to ensure effective implementation of the plans and policies and improve thereupon from time to time, within the broader framework of University Rules. |
| Administration | Management is committed to comply with all the mandatory requirements. Principal, Deans and Heads of the department are involved in the development of the academics policy and its updation periodically followed by the approval of management. Implementation of the institutional policy is taken care by the staff members including teaching and nonteaching which is continuously monitored by various academic committees. |
| Finance and Accounts | Finance and Accounts- In order to maintain transparency all the payments |

| | |
|-------------------------------|---|
| | made or received are done online or through cheques. In order to meet the daily expenses to be incurred, petty cash facility is available with certain financial freedom delegated to the Principal. Accounts are available on college website under mandatory disclosures. |
| Student Admission and Support | Student Admission and Support- We follow the CAP round process laid down by the DTE, karnataka govt and the other apex bodies. Information and status of admission is always updated online. College supports the admission process by hosting facilitation center. |
| Examination | Examination- The necessary Infrastructure and human resources are well in place at college for organizing the university examination either online or the manual examination. The state of the art system to support the entire examination process is established at the college, including dedicated server for examination work. Receiving the question papers, submission of student's performance evaluation report, remuneration bills towards examination work are observed using online system. The authorities believe e-governance help in transparency and trust worthy system of work |

6.3 – Faculty Empowerment Strategies

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

| Year | Name of Teacher | Name of conference/ workshop attended for which financial support provided | Name of the professional body for which membership fee is provided | Amount of support |
|------|-----------------------|--|--|-------------------|
| 2019 | Kavitha Juliet | Professional body Membership for student chapter | ACM student chapter | 14750 |
| 2019 | Mr.Lokesh K S | 3 days FDP on "VLSI Physical Design Verification" | Nil | 600 |
| 2019 | Mrs. Chinna V Gowdar | 3 days FDP on "VLSI Physical Design Verification" | Nil | 600 |
| 2019 | Mr. Phanindra Reddy K | 3 days workshop on "Artificial | Nil | 2400 |

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

| Year | Title of the professional development programme organised for teaching staff | Title of the administrative training programme organised for non-teaching staff | From date | To Date | Number of participants (Teaching staff) | Number of participants (non-teaching staff) |
|------|--|---|------------|------------|---|---|
| 2020 | AICTE sponsored TWO weeks FDP on "Hands on practice of Python with data science" | nil | 21/01/2020 | 25/01/2020 | 33 | Nil |
| 2020 | National level online FDP on "recent trends in artificial intelligence and impact on teaching professionals" | nil | 22/04/2020 | 24/04/2020 | 20 | Nil |
| 2020 | Virtual FDP on roll of teachers in quality enhancement and accreditation | nil | 11/07/2020 | 15/07/2020 | 20 | Nil |
| 2020 | Rural Development Through Technical Institution | nil | 29/07/2020 | 02/08/2020 | 14 | Nil |
| 2020 | nil | Awareness Program for Faculties on "Health Happiness" | 13/03/2020 | 13/03/2020 | Nil | 20 |

| | | | | | | |
|---------------------------|-----|---|------------|------------|-----|----|
| 2020 | nil | One day Invited Talk on "Financial Planning M anagement" | 05/12/2020 | 05/12/2020 | Nil | 24 |
| View File | | | | | | |

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

| Title of the professional development programme | Number of teachers who attended | From Date | To date | Duration |
|--|---------------------------------|------------|------------|----------|
| Rural Development Through Technical Institution | 14 | 29/07/2020 | 02/08/2020 | 7 |
| Virtual FDP on roll of teachers in quality enhancement and accreditation | 1 | 11/05/2020 | 18/05/2020 | 7 |
| National level FDP on Artificial Intelligence | 12 | 22/05/2020 | 26/05/2020 | 5 |
| National level online FDP on "recent trends in artificial intelligence and impact on teaching professionals" | 2 | 22/04/2020 | 24/04/2020 | 3 |
| One week international FDP on Self Society and Personality Development | 1 | 25/04/2020 | 02/05/2020 | 7 |
| AICTE sponsored TWO weeks FDP on "Hands on practice of Python with data science" | 33 | 21/05/2020 | 25/05/2020 | 5 |
| View File | | | | |

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

| Teaching | | Non-teaching | |
|-----------|-----------|--------------|-----------|
| Permanent | Full Time | Permanent | Full Time |
| 0 | 0 | 0 | 0 |

6.3.5 – Welfare schemes for

| Teaching | Non-teaching | Students |
|---|---|--|
| Health, Professional development, Promotion, Increment, Award, Co operative Society and Leaves. | Health, Professional development, Promotion, Increment, Award, Co operative Society and Leaves. | scholarships, free-ships and student safety insurance scheme |

6.4 – Financial Management and Resource Mobilization

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

Financial audits are taken up by the chartered accountants at the end of each financial year.

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 |
|--|-------------------------------|---|
| AICTE | 500000 | International Conference on Paternrn Recognition Applications and Methods |
| View File | | |

6.4.3 – Total corpus fund generated

1000000

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 | other institute | Yes | iqac |
| Administrative | Yes | other institute | Yes | iqac |

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

1. Parent - Teacher meeting for general discussions. 2. Parent - Teacher meeting to know academic progress. 3. Parent - Teacher meeting with Hostel wardens.

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

NO

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

1. Executing MoUs with other organization and industries. 2. Plan for Infrastructure development. 3. Action plans implementations for better implementation of curriculam. 4. Initiative to improve placement and higher

education. 5. Value added course for teaches and students. 6. Initiative to publish at least one paper in SCI indexed journal in a year for faculty and students.

6.5.5 – Internal Quality Assurance System Details

| | |
|--|-----|
| a) Submission of Data for AISHE portal | Yes |
| b) Participation in NIRF | Yes |
| c) ISO certification | No |
| d) NBA or any other quality audit | 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 |
|------|------------------------------------|-------------------------|---------------|-------------|------------------------|
| 2019 | Academic audit | 04/11/2019 | 04/11/2019 | 04/11/2019 | 100 |

[View File](#)

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 |
| NIL | Nil | Nil | 0 | 0 |

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

The college has gradually moved on from normal light bulbs (least required wattage) to tube lights, slim lights, CFLs, LEDs and the college also replaced most of the CRT monitor to LCD monitors thus conserving energy to the extent required. ? Electrical energy is conserved by using solar energy for water heating in Hostels. ? The proposal for setting up of Solar panels for generation of electricity and excess power generated will be sourced to main KPTCL is under discussion. ? The UPS Batteries were maintained in good condition which reduces frequent charging of batteries and hence controls power utilization. ? Periodical equipment checking and monitoring is carried out to avoid excess power consumption. ? Street Lights in the campus are driven by solar energy.

7.1.3 – Differently abled (Divyangjan) friendliness

| Item facilities | Yes/No | Number of beneficiaries |
|---------------------|--------|-------------------------|
| Physical facilities | Yes | 2 |
| Provision for lift | Yes | 2 |
| Ramp/Rails | Yes | 2 |

7.1.4 – Inclusion and Situatedness

| Year | Number of initiatives to address locational | Number of initiatives taken to engage with | Date | Duration | Name of initiative | Issues addressed | Number of participating students and staff |
|------|---|--|------|----------|--------------------|------------------|--|
|------|---|--|------|----------|--------------------|------------------|--|

| | advantages and disadvantages | and contribute to local community | | | | | |
|------|------------------------------|-----------------------------------|------------|---|-----------------------|---|-----|
| 2019 | 1 | 1 | 15/08/2019 | 1 | FLOOD | supply of food for flood affected peoples | 50 |
| Nil | 1 | 1 | 15/08/2019 | 1 | swatch school | swatch barath awareness | 25 |
| Nil | 1 | 1 | 02/10/2019 | 1 | plastic free | usage of plastic | 100 |
| Nil | 1 | 1 | 01/09/2019 | 1 | knowledge of computer | awareness of computer usage | 20 |
| Nil | 1 | 1 | 10/10/2019 | 1 | accident avoider | how to avoid accident | 20 |

[View File](#)

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

| Title | Date of publication | Follow up(max 100 words) |
|-------|---------------------|--------------------------|
| nil | Nil | nil |

7.1.6 – Activities conducted for promotion of universal Values and Ethics

| Activity | Duration From | Duration To | Number of participants |
|------------------------------------|---------------|-------------|------------------------|
| UTTARA Karnataka jothe rymec | 15/08/2019 | 16/08/2019 | 40 |
| swatch school | 15/08/2019 | 16/08/2019 | 40 |
| sveep awareness on ethical voting | 23/03/2019 | 23/03/2019 | 155 |
| rally awareness on ethical voting | 28/05/2019 | 28/05/2019 | 155 |
| sveep-competitions on moral voting | 19/04/2019 | 19/04/2019 | 20 |

[View File](#)

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

The college has adopted different strategies to make the campus sustainable and environment friendly. ? Energy conservation ? The college has gradually moved on from normal light bulbs (least required wattage) to tube lights, slim lights, CFLs, LEDs and the college also replaced most of the CRT monitor to LCD monitors thus conserving energy to the extent required. ? Electrical energy is conserved by using solar energy for water heating in Hostels. ? The proposal for setting up of Solar panels for generation of electricity and excess power generated will be sourced to main KPTCL is under discussion. ? The UPS

Batteries were maintained in good condition which reduces frequent charging of batteries and hence controls power utilization. ? Periodical equipment checking and monitoring is carried out to avoid excess power consumption. ? Use of renewable energy ? Water harvesting Rain water harvesting has been in place for last two years and from the experimental stage now the campus has increased systematically the harvesting capacity. Rain water harvesting system is built in Main block and R D block of campus to ensure continuous recharging of ground level water. The quality of water is regularly monitored by water quality management committee. Water samples are collected and ? Check dam construction ? Plantation RYM Engg campus is spread over 53 acre areas free from pollution and noise, an ideal ambiance for learning environment. The campus has more than 1000 trees. Each block of the building and playgrounds are surrounded by large trees which maintain healthy and balanced environment. ? Hazardous waste management Vegetable waste in the hostel and canteen are hazardous and municipal trucks are being arranged to dispose them regularly to keep the campus clean. ? e-waste management The old electrical, electronic and computers discarded in the college due to obsolescence or exchanged/sold to dealers/vendors.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Problem Based learning in Various Subjects. 2. Mini project Implementation in Python 3. Mini project Implementation in C# Dot Net platform using visual Studio 2017 4. Quiz (Hardcopy/google form) 5. Blended learning in Applications of computer network Concepts 6. Work sheet/case studies 7. Mini project Implementation in Web programming 8. Case Studies in Software Engineering 9. Design examples and case studies in Embed computing system 10. Mini project on python database application 11. Project Based Learning Environment 12. "Mentoring System"

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

<https://www.rymec.in/index.php/best-practices2>

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

One of the thrust area for the students is industry interaction ,by keeping this as vision,university as introduced 4 weeks of industry internship program during 5th semester to 8th semester and our institution is also executed MoUs with the industries for industry internship.

Provide the weblink of the institution

<http://rymec.in/index.php/placement-main>

8.Future Plans of Actions for Next Academic Year

1. MoUs with Reputed Manufacturing Industries 2. Infrastructure development for effective implementation of curriculum 3. Funds raising from Government agencies 4.To increase research publications indexed journals