



Yearly Status Report - 2015-2016

Part A

Data of the Institution

| | | |
|---|--|--|
| 1. Name of the Institution | | CORPORATE INSTITUTE OF SCIENCE AND TECHNOLOGY |
| Name of the head of the Institution | Dr. N.K. Agrawal | |
| Designation | Director | |
| Does the Institution function from own campus | Yes | |
| Phone no/Alternate Phone no. | 07771009742 | |
| Mobile no. | 9425300399 | |
| Registered Email | corporate@corporatebpl.com | |
| Alternate Email | director@corporatebpl.com | |
| Address | Hathaikheda, Near Patel Nagar, Raisen Road, Bhopal - 462 022 (M.P.) | |
| City/Town | Bhopal | |
| State/UT | Madhya Pradesh | |

| Pincode | 462022 | | | | |
|--|---|------|----------------------|-------------|-----------|
| 2. Institutional Status | | | | | |
| Affiliated / Constituent | Affiliated | | | | |
| Type of Institution | Co-education | | | | |
| Location | Urban | | | | |
| Financial Status | private | | | | |
| Name of the IQAC co-ordinator/Director | Prof. Uma Shankar Vijaywargiya | | | | |
| Phone no/Alternate Phone no. | 07771009742 | | | | |
| Mobile no. | 9425300399 | | | | |
| Registered Email | corporate@corporatebpl.com | | | | |
| Alternate Email | director@corporatebpl.com | | | | |
| 3. Website Address | | | | | |
| Web-link of the AQAR: (Previous Academic Year) | http://engineering.corporatebpl.com/IQAC.html | | | | |
| 4. Whether Academic Calendar prepared during the year | Yes | | | | |
| if yes,whether it is uploaded in the institutional website: Weblink : | http://engineering.corporatebpl.com/Downloads.html | | | | |
| 5. Accrediation Details | | | | | |
| | | | | | |
| Cycle | Grade | CGPA | Year of Accrediation | Validity | |
| | | | | Period From | Period To |
| | | | | | |

| | | | | | |
|---|---|------|------|-------------|-------------|
| 1 | B | 2.10 | 2015 | 14-Sep-2015 | 13-Sep-2020 |
|---|---|------|------|-------------|-------------|

| | |
|----------------------------------|-------------|
| 6. Date of Establishment of IQAC | 12-Aug-2015 |
|----------------------------------|-------------|

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 |
| Conduction of In House FDP's | 01-Dec-2015 8 | 48 |

8. Provide the list of Special Status conferred 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 |
|--------------------------------|--------|----------------|-----------------------------|--------|
| NIL | NIL | NIL | 2019 0 | 0 |

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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 : | 2 |
|--|---|

| | |
|--|-----|
| 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 | No |
|---|----|

funding agency to support its activities during the year?

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

1. Conduction of In House FDPs 2. Monthly Performance Report for Faculty Members 3. Energy Audit of the Institute 4. To apply for Industrial Consultancies

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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 |
|--|---|
| Conduction of In House FDPs | Total Eight nos. of One day FDPs were conducted |
| Monthly Performance Report for Faculty Members | According to the format of Monthly Performance Report faculty members are given grades and the under performers are identified and asked to improve |
| Energy Audit of the Institute | Energy Audit of the institute was done |
| To apply for Industrial Consultancies | Every Department approached few industries and got some small consultancies |

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14. Whether AQAR was placed before statutory body ?

No

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 | 2015 |
| Date of Submission | 30-Sep-2015 |
| 17. Does the Institution have Management Information System ? | No |

Part B

CRITERION I - CURRICULAR ASPECTS

1.1 - Curriculum Planning and Implementation

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

For the effective and efficient implementation of the curriculum the institution has formulated well defined plans . • Every semester Academic calendar is prepared following the university's guidelines. • Subjects are distributed among faculty members as per their expertise and specialization. • Course file containing university's scheme, syllabus, course plan, lecture notes, last year question papers and other related documents of different subjects are prepared by respective faculty members, improved and updated every Semester. To make the teaching more practical based Lab manuals and calibration of lab equipments is done. PPT's of certain topics are prepared by the teachers and used along with lecture method. • During semesters frequent departmental meetings are conducted by Director/Principal and HOD's to review the progress of syllabus, course coverage, teaching methodologies and other relevant areas for productive and effective delivery of the instructions. .To improve the teaching quality of the faculty, a feedback system is implemented in the institute with a prescribed format, students can give feedback and comments about the lectures, and rating is given by the students to each teaching faculty and corrective measures are taken accordingly.

1.1.2 - Certificate/ Diploma Courses introduced during the academic year

| Certificate | Diploma Courses | Dates of Introduction | Duration | Focus on employability/entrepreneurship | Skill Development |
|-----------------------------|-----------------|-----------------------|----------|---|-------------------|
| STAAD PRO | | 05/04/2016 | 8 | employability | yes |
| Workshop on "PCB Designing" | | 30/10/2015 | 2 | employability | yes |

1.2 - Academic Flexibility

1.2.1 - New programmes/courses introduced during the academic year

| Programme/Course | Programme Specialization | Dates of Introduction |
|------------------|--------------------------|-----------------------|
| BE | NOT APPLICABLE | 01/07/2015 |

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 | Civil Engineering | 01/07/2015 |
| BE | Computer Science & Engineering | 01/07/2015 |
| BE | Electronics & Communication Engineering | 01/07/2015 |
| BE | Electrical and Electronics Engineering | 01/07/2015 |
| BE | Mechanical Engineering | 01/07/2015 |
| ME | Thermal Engineering | 01/07/2015 |
| ME | Power System | 01/07/2015 |

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

| | Certificate | Diploma Course |
|--------------------|-------------|----------------|
| Number of Students | 30 | 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 |
|-----------------------------|----------------------|-----------------------------|
| STAAD PRO | 05/04/2016 | 5 |
| Workshop on "PCB Designing" | 30/10/2015 | 25 |

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 | Civil Engineering | 24 |
| BE | Electronics & Communication Engineering | 71 |
| BE | Computer Science and Engineering | 21 |
| BE | Electrical and Electronics Engineering | 46 |
| BE | Mechanical Engineering | 102 |

1.4 - Feedback System

1.4.1 - Whether structured feedback received from all the stakeholders.

| | |
|-----------|-----|
| Students | Yes |
| Teachers | Yes |
| Employers | No |
| Alumni | No |
| Parents | No |

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

Feedback Obtained

The feedback from the students were collected and analyzed. The feedback was collected on 5 point scale including following criteria: (i) Depth coverage of course. (ii) Quality of Teaching in classroom. (iii) Regular Punctual classes. (iv) Interactive session with teacher. (v) Assignment given, quality of assignment discussion. (vi) Availability of the prescribed teaching material in the library related to subject. (vii) Regular maintenance of lab. (viii) Actual experiment on the equipment. From the feedback obtained from the year 201516 following actions were taken: I. The departmental presentation was organized for improving the skills of the faculties in every department. II. The weakness among the faculty was marked from the feedback and informed to the listed faculty for improvement of the same. III. Faculties were informed to provide assignments of every unit and properly maintain the course file of each subject. IV. The lab staffs were instructed to properly

conduct the lab. V. The monthly course coverage was also taken from each faculty in respective department for the coverage of syllabus as per RGPV curriculum.

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 | EC, CS, EX, ME, CE | 420 | 329 | 270 |
| Mtech | Thermal Engineering, Power System | 36 | 36 | 30 |

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 |
|------|---|---|---|---|--|
| 2015 | 270 | 30 | 113 | 0 | 6 |

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 |
|----------------------------|---|-----------------------------------|----------------------------------|----------------------------|---------------------------------|
| 119 | 37 | 6 | 6 | 0 | 2 |

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

A well defined and functional Mentor Mentee system exists in the institute under which each enrolled students is continually monitored by a full time faculty who is titled the "Tutor Guardian". The faculty keeps a vigil on the attendance of students, his motivation levels, and his academic performance record . If any issue is seen with the performance of the student then the Tutor

Guardian reports it to his parent or local guardian. Institute maintains a Ratio of 1:30 in this scheme i.e 30 students are enrolled under one TG.

| Number of students enrolled in the institution | Number of fulltime teachers | Mentor : Mentee Ratio |
|--|-----------------------------|-----------------------|
| 987 | 119 | 1/30 |

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 |
|-----------------------------|-------------------------|------------------|--|--------------------------|
| 119 | 119 | 0 | 52 | 2 |

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 |
|---------------|---|---------------------|--|
| 2015 | Richi Nigam | Assistant Professor | SRIJAN Award for Best Teacher |
| 2015 | Rohan Rajput | Assistant Professor | SRIJAN Award for Best Teacher |
| 2015 | Dr. Preeti Khare | Associate Professor | SRIJAN Award for Best Teacher |
| 2015 | Abhinav Kumar | Assistant Professor | SRIJAN Award for Best Teacher |
| 2015 | Jitendra Verma | Assistant Professor | SRIJAN Award for Best Teacher |
| 2015 | Romesh Kashyap | Assistant Professor | SRIJAN Award for Best Teacher |
| 2015 | Pavan Shrivastava | Associate Professor | SRIJAN Award for Best Teacher |

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 | EC ,CSE ,EX ,CE ,ME | 1/1 | 18/02/2016 | 31/05/2016 |
| BE | EC ,CSE ,EX ,CE ,ME | 3/2 | 23/01/2016 | 02/05/2016 |
| BE | EC ,CSE ,EX ,CE ,ME | 5/3 | 04/01/2016 | 12/04/2016 |
| BE | EC ,CSE ,EX ,CE ,ME | 7/4 | 30/12/2015 | 29/03/2016 |
| BE | EC ,CSE ,EX ,CE ,ME | 2/1 | 30/07/2016 | 29/09/2016 |
| BE | EC ,CSE ,EX ,CE ,ME | 4/2 | 05/07/2016 | 21/09/2016 |
| BE | EC ,CSE ,EX ,CE ,ME | 6/3 | 04/07/2016 | 29/08/2016 |
| BE | EC ,CSE ,EX ,CE ,ME | 8/4 | 08/06/2016 | 02/07/2016 |

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

The institution adopts Centralized Continuous Internal Evaluation (CIE) System to assess all aspects of a student's development on a continuous basis throughout the year. Students are made aware of the evaluation process through the following initiatives: 1. The orientation programmes at the beginning of the semester through public address system of the college 2. Teaching Plan contains evaluation procedures. 3. Academic Calendar with Exam dates. 4. Orientation on changes and amendments in the evaluation process through Tutorial Meetings 5. Display in the College and Department Notice Board 6. Practical exams during Mid Semester Tests exams. 7. Discussion with parents about students performance.

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

A well Defined Academic calendar is prepared in the Institute which is based on RGPVs academic calendar as the base. The dates defined in universitys academic calendar are used as reference with description of holidays and dates for commencement of Academic Session, Student Registration, tentative dates of Mid Semester Exams, Tentative Dates of final Practical exams and tentative dates of final theory examinations.

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)

<http://engineering.corporatebpl.com/EducationalObjective.html>

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 |
|----------------|----------------|--------------------------|---|---|-----------------|
| | BE | CE, EC, CSE, ME, EX | 606 | 500 | 82.5 |

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)

<http://engineering.corporatebpl.com/StudentSatisfactionSurvey.html>

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 |
|-----------------------|----------|----------------------------|------------------------|---------------------------------|
| Total | 0 | NOT AVAILABLE | 0 | 0 |

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 |
|---|---------------------------|------------|
| Three Days workshop on Numerical Computations in Structural and fluid Mechanics Problems using MATLAB | Civil Engineering | 11/01/2016 |
| One Day Workshop on Research Methodology | Electronics Communication | 23/12/2015 |
| One day seminar on Intellectual Property Rights | Mechanical Engineering | 27/02/2016 |

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 |
|------------------------------------|---|-------------------------|---------------|----------|
| Re utilize the Sullage Waste water | Vaibhav Mahale, Aditya Kulshreshta, Akshya Paroha, Ajay Dwivedi | MPCST and Vigyan Bharti | 22/02/2016 | Student |

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 |
|-------------------|---------------|---------------|----------------------|--------------------|----------------------|
| NOT AVAILABLE | NOT AVAILABLE | NOT AVAILABLE | NOT AVAILABLE | NOT AVAILABLE | 01/07/2015 |

3.3 - Research Publications and Awards

3.3.1 - Incentive to the teachers who receive recognition/awards

| State | National | International |
|-------|----------|---------------|
| 7 | 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 |
|------------------------|-------------------------|
| EC | 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) |
|---------------|-------------------------------|-----------------------|--------------------------------|
| International | Civil | 4 | 3 |
| International | Mechanical | 8 | 3 |
| International | Computer Science | 5 | 4.8 |
| International | Electronics and Communication | 2 | 3 |
| National | Electrical and Electronics | 9 | 3 |
| National | Basic Sciences | 3 | 2 |
| International | Basic Sciences | 5 | 3 |

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 |
|-------------------------------|-----------------------|
| Electronics and Communication | 11 |
| Electrical and Electronics | 10 |
| Computer Science | 7 |

| | |
|-----------------------|----------|
| Mechanical | 8 |
| Civil | 7 |
| Basic Sciences | 9 |

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 |
|--------------------|----------------|------------------|---------------------|----------------|---|---|
| NOT AVAILABLE | NOT AVAILABLE | NOT AVAILABLE | 2015 | 0 | NOT AVAILABLE | 0 |

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 |
|--------------------|----------------|------------------|---------------------|---------|---|---|
| NOT AVAILABLE | NOT AVAILABLE | NOT AVAILABLE | 2015 | 0 | 0 | NOT AVAILABLE |

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

| Number of Faculty | International | National | State | Local |
|-----------------------------|---------------|----------|-------|-------|
| Attended/Seminars/Workshops | 1 | 17 | 0 | 2 |
| Presented papers | 0 | 17 | 0 | 0 |

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 |
|---------------------------------|---|--|--|
| Awareness Drive for Pulse Polio | Corporate institute of science and technology | 2 | 18 |

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 |
|----------------------|-------------------|-----------------|------------------------------|
| NOT AVAILABLE | NOT AVAILABLE | NOT AVAILABLE | 0 |

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 |
|--------------------|---|----------------------|--|--|
| Swachh Bharat | Corporate Institute of Science Technology | Swachata Abhiyan | 54 | 355 |

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 |
|--------------------|-------------|-----------------------------|----------|
| NOT AVAILABLE | 0 | NOT AVAILABLE | 0 |

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 |
|-----------------------|------------------------------------|---|---------------|-------------|-------------|
| Java Training | Spoken Tutorial Project IIT Bombay | IIT, Bombay | 04/01/2016 | 04/01/2016 | 88 |
| SCILAB Training | Spoken Tutorial Project IIT Bombay | IIT, Bombay | 19/01/2016 | 19/01/2016 | 151 |
| Advanced Cpp Training | Spoken Tutorial Project IIT Bombay | IIT, Bombay | 19/01/2016 | 19/01/2016 | 88 |

| | | | | | |
|-----------------|------------------------------------|-------------|------------|------------|-----|
| QCad Training | Spoken Tutorial Project IIT Bombay | IIT, Bombay | 16/02/2016 | 16/02/2016 | 117 |
| SCILAB Training | Spoken Tutorial Project IIT Bombay | IIT, Bombay | 19/02/2016 | 19/02/2016 | 51 |

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 |
|--------------------------------|--------------------|--------------------|---|
| TCS | 07/09/2015 | Online examination | 25 |
| NSEIT | 08/07/2015 | Online examination | 25 |
| UST | 12/04/2016 | Online examination | 25 |
| Eduquity Sai Educare Pvt. Ltd. | 29/06/2015 | Online examination | 25 |

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 |
|--|--|
| 23 | 19 |

4.1.2 - Details of augmentation in infrastructure facilities during the year

| Facilities | Existing or Newly Added |
|---------------|-------------------------|
| Campus Area | Existing |
| Class rooms | Existing |
| Laboratories | Existing |
| Seminar Halls | Existing |

| | |
|--------------------|-----------------|
| Class rooms | Existing |
|--------------------|-----------------|

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 |
|------------------------------------|--|---------|--------------------|
| ADONAI Library management Software | Partially | 000 | 2009 |

4.2.2 - Library Services

| Library Service Type | Existing | | Newly Added | | Total | |
|----------------------|----------|---------|-------------|--------|-------|---------|
| Text Books | 15457 | 5355453 | 0 | 0 | 15457 | 5355453 |
| Reference Books | 8471 | 2658272 | 714 | 273564 | 9185 | 2931836 |
| Journals | 41 | 0 | 5 | 0 | 46 | 0 |
| Library Automation | 1 | 0 | 0 | 0 | 1 | 0 |

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 |
|---------------------|--------------------|---------------------------------------|-----------------------------|
| NOT AVAILABLE | NOT AVAILABLE | NOT AVAILABLE | 01/07/2015 |

4.3 - IT Infrastructure

4.3.1 - Technology Upgradation (overall)

| Type | Total Computers | Computer Lab | Internet | Browsing centers | Computer Centers | Office | Departments | Available Bandwidth (MGBPS) | Others |
|----------|-----------------|--------------|----------|------------------|------------------|--------|-------------|-----------------------------|--------|
| Existing | 486 | 456 | 6 | 1 | 1 | 5 | 5 | 6 | 20 |
| Added | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 486 | 456 | 6 | 1 | 1 | 5 | 5 | 6 | 20 |

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

| |
|--------------|
| 6 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 |
|--|--|
| | |

NOT AVAILABLE

NOT AVAILABLE**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 |
|--|--|--|--|
| 45 | 40 | 32 | 30 |

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)

All the departments have stock registers for the smooth maintenance of laboratory equipments. The equipments are well maintained and periodically serviced by authorized service providers as and when required. Stock verification is done at the end of every academic year by other department faculty members. For the good maintenance of the campus, many separate wings like Electrical Maintenance, Transports, Civil Maintenance, Computer hardware and software Maintenance and Housekeeping are functioning with the monitoring of the supervisors. Electrical Maintenance Team looks after the Power house, Building lights and street lighting arrangements, Air conditioners, All bore wells and UPS. Our college operates 11 buses from the college to various places of sixty kilometer radius. All the buses and 2 vehicles are maintained by the transport department. Campus Maintenance Team looks after the security arrangements, gardening and maintenance of the play grounds. IT enabled services like computer hardware and software wifi etc. are maintained by the Hardware and software maintenance team. Housekeeping team looks after building maintenance and furniture maintenance. The college has diesel Gen Sets with a total capacity of 160 KVA to back up the electrical power supply. This guarantees constant power supply to the sensitive equipments, motors and other equipments in the mess without any fluctuations thereby providing continuous supply of water and other necessary facilities without any inconvenience. Academic and Student Services assigned classrooms, student support areas, and student lounges are approved by the Office of Administration for Academic Affairs and Student Services. Users are responsible and accountable for proper care of all College facilities and equipment by all participants associated with the program, event, or activity regardless of whether the damage was caused within the room reserved or elsewhere. Restitution shall be required for any damages and cleaning necessary for any property or equipment. The College does not endorse any sectarian groups or organizations. Programs, events, and activities for political campaigns are discouraged however, they may be approved if other known political parties for the same political race are given equal opportunity to

conduct a similar program, event, or activity. All participants must comply with existing parking regulations. Use of facilities shall be automatically cancelled when the College is closed due to inclement weather or emergencies. The College is not liable when facilities are closed due to inclement weather and/or emergencies. College facilities are NOT available on College recognized holidays (see College academic calendar). All events must end by midnight unless prior approval for an extension has been granted. Users' property and equipment must be removed from College facilities immediately following the event. All staff members are required to raise a requisition to HOD regarding the requirement of the facility /equipment for providing services to the students or for personnel usage. Once the request is given the HOD communicates with the concern head for completing the task/request raised by the staff member.

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 | Scholarship and Reward | 24 | 81000 |
| Financial Support from Other Sources | | | |
| a) National | MP OBC SC/ST Scholarship | 87 | 2419240 |
| b) International | Nil | 0 | 0 |

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 |
|---|-----------------------|-----------------------------|-------------------|
| Guidance for Competitive Examinations | 19/01/2016 | 148 | In House |
| Career Counselling | 07/09/2015 | 221 | In House |
| Remedial Coaching | 04/04/2016 | 268 | In House |

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 | Number of benefited | Number of students | Number of |
|------|--------------------|---------------------|---------------------|--------------------|-----------|
|------|--------------------|---------------------|---------------------|--------------------|-----------|

| | | students for competitive examination | students by career counseling activities | who have passed in the comp. exam | students placed |
|------|--|--------------------------------------|--|-----------------------------------|-----------------|
| 2016 | Guidance for Competitive Examinations and Career Counselling | 148 | 221 | 0 | 185 |

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 |
|---------------------------|--------------------------------|---|
| 11 | 11 | 5 |

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 |
| Universal Hunt Pvt. Ltd., Ahmedabad, Hunka Technologies Pvt. Ltd., Bhopal, Motif India Infotech P Ltd Roca India Gemini Communication The Phone Support P Ltd Eastern Software System, Noida Maintech Tech., Noida Aartech Solonic Ltd Vaibhav Group A.P. | 360 | 163 | Netlink Software Pvt. Ltd., Bhopal, Sonalika Tractor, Capital Construction, Indore | 360 | 3 |

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 |
|------|--|--------------------------|---------------------------|----------------------------|-------------------------------|
| 2015 | 3 | BE | Civil | NIT Calicut, NIT | M.Tech. , PG Diploma in |

| | | | | | |
|------|---|----|-------------------------------------|--------------------------------------|-------------------------|
| | | | | Warangal, NICMAR Pune | construction Management |
| 2015 | 3 | BE | Electronics and Communication | IIT BHU, Trinity Institute Bhopal | M.Tech. |

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

| Items | Number of students selected/ qualifying |
|-----------|---|
| GATE | 2 |
| Any Other | 5 |

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

| Activity | Level | Number of Participants |
|----------------------------|---------------|------------------------|
| Freshers Party AArambh | Institute | 0 |
| Farewell Party Dasvidaniya | Institute | 0 |
| Corporate Carnival | Inter college | 0 |

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 |
|------|-------------------------|---------------------------|--------------------------------|----------------------------------|----------------------|------------------------|
| 2015 | NOT AVAILABLE | National | 0 | 0 | 0 | NOT AVAILABLE |

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

The various student council representative committees in Institute are: Class Review Committee: Every Class of the Program shall have a Class Review Committee, consisting of Faculty and Students. Student members of class review committee assist the DAB (Departmental

Avisory Board) in the process of academic plan implementation of every subject in a semester. Internal Quality Assurance Cell: Student members of IQAC help to propagate quality policies adopted by the institution among the student fraternity and also help in projecting the student view point while taking any quality policy decision. Library Committee: Student members of the library committee will assist in the procurement of text books, journals and other Learning material. Alumni Association Every department attends to the coordination and liaison activity with alumni through the appointed students. Antiragging committee: Student members assist the institution in implementing rigid antiragging measures so that the institution becomes raggingfree campus. Grievance and redressal committee: The matters of harassment and suppression of any single individual are handled by grievance redressal cell. Student members can help other students to present the grievance in case the sufferers want the Representation in absentia. Cultural committee All the cultural activities during the important occasions of College day, Freshers' day, and annual cultural festival are coordinated by this committee. To inculcate awareness of social problems by the students, activities are conducted with large participation by students every year. Language Lab In view of the critical significance of language skills in globalized world, students organize this club through activities like debating, group discussions, book reading and review, poetry, quiz and creative writing.

5.4 - Alumni Engagement

5.4.1 - Whether the institution has registered Alumni Association?

No

5.4.2 - No. of enrolled Alumni:

350

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

0

5.4.4 - Meetings/activities organized by Alumni Association :

2

CRITERION VI - GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Decentralization is done through devolution of power. The devolution of power can be

understood in the form of a pyramid. The different levels are as under: 1. The First layer of management includes the Chairman, Board of Governors and the Director. They are responsible for controlling and administering the entire institution. The management through the Director involves the faculty members in various activities related to the development of the Institute. The Director heads the academic and administrative activities of the Institute. 2. The Second layer includes Head of the Departments (HOD), Registrar, HR, Librarian. They help in the execution of institutional plans. 3. The third layer includes faculty, non teaching staff and others. They help the second layer management by coordinating the activities delegated to them.

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

No

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 |
|----------------------------|--|
| Curriculum Development | <ul style="list-style-type: none"> • Industry internships • Well defined course file having lecture plan, tutorial sheets, assignment sheets and previous years question papers etc. • well planned academic calendar |
| Teaching and Learning | <ul style="list-style-type: none"> ▪ Defining course outcomes to meet programme outcomes. ▪ Assessing the students using various evaluation techniques for the attainment of course outcomes. • Guest lecturers • Field trips and lab lectures. • Mentoring • Tutorial teaching • Uploading lesson plan / Question paper keys • Use of internet, PPT presentation during class room teaching. |
| Examination and Evaluation | <ul style="list-style-type: none"> • Being an affiliated institute of RGPV Bhopal the institute adheres to all the norms for examinations lay down by the university. • Internal evaluation is done throughout Semester in the form of mid examinations and assignments. External evaluation is done at the end of Semester in the form of end examination. • Based on the credits and marks obtained by the student Semester Grade Point Average (SGPA) will be calculated for Semester and Cumulative Grade Point Average (CGPA) will be calculated for entire program. Award of class will be finalized based on CGPA. |
| Research and Development | <ul style="list-style-type: none"> • Incentives for research publications and research projects are provided. • Publication in peer reviewed , refereed and SCI journals • Incentives for faculty for publishing quality papers / getting funded projects • Special incentives for faculty holding Ph. D degrees • Sponsorship to present papers |

| | |
|--|---|
| | in / attend international / national conferences. • Faculty members guide students projects |
| Library, ICT and Physical Infrastructure / Instrumentation | <ul style="list-style-type: none"> • Well stocked central library with library automation software. • Computerized record of fee payments. • Correspondence through emails • Purchase / salary / leave records etc., fully computerized. • Hi speed internet facility |
| Human Resource Management | <ul style="list-style-type: none"> • The faculty and staff requirements are assessed based on the workload as per the AICTE norms. • Assessment of Faculty and staff requirements is done before the beginning of every semester. Vacancies are advertized in the leading newspapers. Duly constituted selection committees recruit the faculty and staff as per norms of AICTE. • A selfdevised facultySelf appraisal system. |
| Industry Interaction / Collaboration | <ul style="list-style-type: none"> • Conduction of industrial visits for the students • Guest lectures are being conducted for faculty and students with industrial experts |
| Admission of Students | The admission of students is done strictly as per the guidelines of D.T.E. Govt. of M.P. |

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

| E-governance area | Details |
|-------------------------------|--|
| Administration | Online record keeping of leaves, Biometric attendance for faculty and staff |
| Finance and Accounts | online fee payments, use of Tally for accounting purpose, Student fee dues record keeping done via ADONI software. |
| Student Admission and Support | students are admitted through online counselling conducted by DTE M.P. Student enrollment in university portal is done online. Online Student Grievance Redressal System available on institute website. |
| Examination | Notices regarding various exam related issues are circulated to departments via e mails only. The sessional marks and practical marks are fed online to the RGPV portal. |

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 | Name of conference/ workshop attended for | Name of the professional body for which | Amount of |
|------|---------|---|---|-----------|
|------|---------|---|---|-----------|

| | | | | |
|------|----------------------|---|-----------------------------------|----------------|
| | Teacher | which financial support provided | membership fee is provided | support |
| 2015 | NOT AVAILABLE | NOT AVAILABLE | NOT AVAILABLE | 0 |

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) |
|------|--|---|------------|------------|---|---|
| 2016 | Numerical computations in structural and fluid mechanics problems using MATLAB | nil | 11/01/2016 | 13/01/2016 | 7 | 0 |
| 2016 | nil | Workshop on Effective Communication | 07/05/2016 | 07/05/2016 | 0 | 19 |

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 |
|--|---------------------------------|------------|------------|----------|
| Numerical computations in structural and fluid mechanics problems using MATLAB | 7 | 11/01/2016 | 13/12/2016 | 3 |

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

| Teaching | | Non-teaching | |
|-----------|-----------|--------------|-----------|
| Permanent | Full Time | Permanent | Full Time |
| 118 | 118 | 42 | 42 |

6.3.5 - Welfare schemes for

| Teaching | Non-teaching | Students |
|--|--|--|
| Transport Facility, Casual Leave, Medical Leave, Earned Leave, Semester Breaks | Transport Facility, Casual Leave, Medical Leave, Earned Leave, EPF, ESIC | Scholarships to poor and meritorious students , Transport Facility, Medical Room |

6.4 - Financial Management and Resource Mobilization

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

Every year institute does its internal financial audit and external audit is done by TASKY Associates twice a 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 |
|--|-------------------------------|---------------|
| NOT AVAILABLE | 0 | NOT AVAILABLE |

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 | No | | Yes | Director |
| Administrative | Yes | | Yes | Registrar |

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

• Parents are constantly in touch with the HOD's and tutor guardians telephonically since majority of our students are from outside states. • The Tutor Guardians inform the parents about their ward's performance. • Parents also visit the institute as and when they are in the city.

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

- Absorption in teaching cadre once they acquire requisite qualification and if found suitable
- Language Training
- Technical Training

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

1. Conduction of In House FDPs
2. Monthly Performance Report for Faculty Members
3. Energy Audit of the Institute
4. To apply for Industrial Consultancies

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 | No |

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 |
|------|--|-------------------------|---------------|-------------|------------------------|
| 2015 | Monthly performance report for faculties | 08/10/2015 | 09/10/2015 | 30/06/2016 | 119 |
| 2015 | In house FDP's | 08/10/2015 | 09/10/2015 | 30/06/2016 | 42 |
| 2015 | Industrial consultancy | 08/10/2015 | 09/10/2015 | 30/06/2016 | 12 |
| 2015 | Use of ICT in teaching | 08/10/2015 | 09/10/2015 | 30/06/2016 | 37 |

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 |
| Workshop on Gender Awareness | 26/03/2016 | 26/03/2016 | 18 | 38 |

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

NIL

7.1.3 - Differently abled (Divyangjan) friendliness

| Item facilities | Yes/No | Number of beneficiaries |
|-------------------------|--------|-------------------------|
| Physical facilities | Yes | 0 |
| Ramp/Rails | Yes | 0 |
| Rest Rooms | Yes | 0 |
| Scribes for examination | Yes | 0 |

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 |
|------|--|--|------------|----------|--------------------|------------------|--|
| 2016 | 1 | 1 | 06/04/2016 | 11 | Sanitation Drive | cleanliness | 35 |

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

| Title | Date of publication | Follow up(max 100 words) |
|-----------------------------|---------------------|--|
| Service Rules | 01/01/2015 | Code of conduct for all the employees available in the service rules of the institute. Service rules of the Corporate Institute of Science and Technology was implemented since 1/02/2013 and continuously being followed and necessary updations are done on regular basis. |
| Student Information Booklet | 01/01/2015 | Code of conduct for students is published in the Student Information Booklet, which contains all the necessary rules and information for the students. It was first published in the session 201213 and since then continuously available to the students. |

7.1.6 - Activities conducted for promotion of universal Values and Ethics

| Activity | Duration From | Duration To | Number of participants |
|----------------------|---------------|-------------|------------------------|
| Yoga Day Celebration | 22/06/2016 | 22/06/2016 | 60 |

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

1.Plantation Drive 2. Vegetable Gardening for hostellers 3. Water Pitchers for birds during summers 4. Dairy farm to provide pure milk to the hostellers 5. Minimum use of air

conditioners**7.2 - Best Practices****7.2.1 - Describe at least two institutional best practices**

1. All the teachers are required to prepare and submit weekly lecture Plan
2. Integrating the use of ICT with formal teaching method

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

<http://engineering.corporatebpl.com/Downloads.html>

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**

The institute with its distinctiveness regarding a green campus had motivated students to plant trees on the acres of land on our campus thus inculcating the feeling of regards and respect to environment. The thrust of the institute has been on overall development of the students thus metamorphosing them into competitive individuals with outgoing personalities and hence adequate sports activities are routinely conducted. Also, with an eye on making our students achieve high academic accolades, faculty members have taken extra/remedial classes, thus propelling our students to win coveted Chancellors Award.

Provide the weblink of the institution

www.corporatebpl.com

8.Future Plans of Actions for Next Academic Year

Faculties shall be encouraged to participate more in the National / International Conferences, Workshops and Seminars etc., Strengthen the alumni relationship by increasing the registration. Increasing the number of faculty with Ph. D Encourage the more number of faculties to apply research proposals for research grants from various funding agencies like DST, AICTE, UGC, DRDO, and ISRO etc.,