2.2.1 The institution assesses the learning levels of student, after admission and organizes special programs for advance learners and slow learners.

Institution Assessment and initiative Programs -For Advance learners and Slow Learners

Common programs for advance learners and slow learners

Sr. No.	Name of Program
1.	Bridge Course
2.	Fundamental Subject workshop
3.	Parent Teacher System
4.	Mini Project
5.	Soft Skill and Personality Development Program (SSPDP)
6.	Result Improvement Appreciation
7.	Expert Talks, Guest Lectures and Seminars

1. **Bridge Course:**

   Bridge course is conducted every year in the beginning of first year. The bridge course objective is to polish the prerequisite knowledge such as basic of English language and computer operation proficiency. At the start of the MCA program, before commencement of the First semester students undergo bridge courses in which basics about course is explained. MCA 1st year students coming from non-computer background are introduced by improving logic and core programming languages. It is expected that the students should know basics of all the subjects what they are expected to study

2. **Fundamental Subject workshop**

   Fundamental Subject workshops are conducted every year for developing student's proficiency in programming, accountancy terms, mathematical fundamentals and management fundamentals.

3. **Parent Teacher System: (Teacher as a Parent)**

Regular follow up of both types of learners take place in the form of meeting through parent teacher system and subject teacher.

4. **Mini Project:**

Students of MCA and BCA are motivated to develop mini projects based on their understanding and implementation of their learning skills. The main motive behind this program is to make students aware about software development life cycle along with project knowledge. The objective of this mini project is to let the BCA, BBA,BMS, MCA and MCA (Integrated) students apply the programming knowledge into a real- world situation/problem and exposed the students how programming skills helps in developing software projects. Each student has one project guide which is allotted by mini project coordinators. The project guide keeps track of project development activities along with solving the critical queries of students regarding software project. This program helps students to get the overall programming experience which can be utilized in interviews and placement process.

5. **Soft Skill and Personality Development Program (SSPDP):**

Students are encouraged to participate in Soft Skill and Personality Development Program as per their type of learning. It is a best platform to all type of learners' i.e. slow learners and advance learners to improve their personality development skills and soft skill.

Sr.No.	Name of Program	Resource Person	Department
1	"Top in-demand soft skillsthat organizations desire in fresher"	Mr. Nitin Patil	MCA/IMCA Department
2	One Week Soft Skill Training Programme	Mr. Kalyan Kumar	BCA Department
3	Skill Development Training by Rubicon	Mr. Sangram Bagale	BCA Department
4	Communication Skills and Universal Human Value Programme	Mrs. Archana Jade and Ms. Elizabeth Janve	MCA/IMCA Department

6. **Result Improvement Appreciation:**

Student wise external examination marks are analysed in every academic year. On the basis of that semester wise comparative marks are calculated of each student. Students are shortlisted who improved their percentile than previous semester marks. Such students are appreciated and awarded by institution in some programs such as induction program.

7. **Expert Talks, guest Lectures and Seminars:**

Seminar / Webinar / Guest Lectures / Expert Talks:

Seminar Post Graduate:

Sr. No.	Name of Program	Resource Person	Department
1.	The Training and Placement Cell of IMRD organized an Orientation program Rural Shores on 10th March 2023 for all final year students of all the colleges under SES and RCPET	Col. Ravi Gupta.mca	PG Department
2.	Online Video Seminar by .awareness about HIV AIDS	Mr. Tukaram Munde	PG Department
3.	Expert Talk on the occasion of International Day of Indigenous People	Mr. Vijay R. Garge	PG Department
4.	IT Guidance Session for MCA & IMCA Students.	Mr. Nikhil Mali, Salesforce Engineer	PG Departmet
5.	Webinar on Cyber Security in Banking organized by CSI's student branch of Institute.	Prof. Sweta Dargad, Ganpat University, U. V. Patel.	PG Department
6.	Seminar on Hands up for Prevention organized by CSI's student branch of Institute	Mr. Nanabhau Badgujar.	PG Department
7.	Session on "Motivational Talk" organized by CSI's student branch of Institute.	Mr. Narendra Girase.	PG Department
8.	Alumni Session on Interaction organized by T&P Cell of RCPET"s IMRD	Ms. Ashwini Patil.	PG Department
9.	Seminar on Acquainting IT industry to Newbie organized by Institute.	Mr. Tushar Patil	PG Department
10.	Session on "Japanese Language Orientation" organized by T&P Cell of RCPET"s IMRD.	Mr. Chetan Dhamorikar.	PG Department
11.	Session on "Career Guidance Session on current IT Trends" organized by T&P Cell of RCPET"s IMRD.	Mr. Vediya Raghuvanshi.	PG Department

Seminar under Graduate:

Sr.No	Name of Program	Resource Person	Department
1.	Webinar on "Recent Trends in IoT" organized by CSI's student branch of Institute.	Mr. Rajiv Bhandari.	UG Department
2.	Session on "AI with Python" organized by T&P Cell of RCPET"s IMRD for BCA Final Year 2023 Batch	Mr. Amol Mahajan.	UG Department
3.	Session on Career Counselling for BCA, BBA and BMS Final Year Students organized by T&P Cell of RCPET"s IMRD.	Prof. Dr. Salil Sabnis, Prof. Dr. Prashant Deshmukh ,Prof. Suraj Ishikar	UG Department
4.	Seminar on "Entrepreneurship Development" organized by Institute.	Dr. Bhushan Chaudhary, Mr. R. Rajesh Jawlekar,ug	UG Department
5.	Seminar on Union Budget 2023-24 organized by RCPET"s IMRD.	CA Mr. Shrikesh Rathi and CA Ms. Shikha Rathi.	UG Department
6.	Session of Alumni Interaction on "Career Opportunities in Software Development" organized by Institute.	Mr. Devendra Thakre.	UG Department
7.	Session of Alumni Interaction on "Building a Successful Career" organized by ED and Consultancy Cell of RCPET"s IMRD.	Mr. Mukesh D. Shirsath,	UG Department

Special programs for advance learners

Sr. No.	Name of Program
1	Doubt Clearing Sessions
2	Workshops
3	Competitions
4	Topper Assessment System

1. **Doubt clearing sessions:**

Doubt clearing sessions are arranged for advance learner students. In this session different subject wise doubts are discussed and clarified by faculty member. Doubt clearing session is the core of Computer and Management world. At Doubt clearing session we always encourage Students to ask question, atmosphere we have created where-in, even a weaker student don't hesitate to ask their doubt. More you ask, more you learn is our aim of session.

2. **Workshops**:

Workshops Post Graduate:

Sr.No	Program Name	Resource Person	Department
1.	10 Days Employability Skill Development Program for MCA 2023	Mr. Vishwajit Dhupe, Mr. Ganesh Bhosale	PG Department
2.	15 Days Infosys Skill Development Training for MCA 2023 batch	Ms. Priya Rathod	PG Department
3.	3 Days Aptitude Training Program for I-MCA Students	Mr. Bhushan Girase and Mr. Swapnil Vispute pe	PG Department
4.	15 Days Training on Artificial Intelligence with Python for IMCA 4, IMCA 5 and MCA students	Mr Pawan Khandhare	PG Department

Workshop under Graduate:

Sr. No.	Program Name	Resource person	Department
1.	One day Workshop on Disaster Management.	Dr. Manoj Kumar Sonawane, Dr. D. M. Marathe, Dr. L. M. Sharma	UG Department
2.	12 Days Skill Development Program	Mr.Vishwajit Dhupe , Mr. Mushraf Hasan and Mr. Rakesh Palkhe from Mumbai.	UG Department
3.	Skill Development Training by Rubicon, Pune	Mr. Sangram Bagale .	UG Department
4.	13 Days AI with Python Session for BCA Final Year 2023 Batch	Mr Amol Mahajan.	UG Department
5.	Eminence Skill Development Training for FYBBA and FYBMS.	Mr. Kalyan Kumar sir.	UG Department
6.	Two Days Aptitude Training Program by Friends Union for Energizing Lives (FUEL).	Mr. Aniket Sawardekar, Pune and Mr. Moin Tamboli.	UG Department
7.	12 Days Infosys Skill Development Training for BCA, BBA and BMS 2023 Batch	Ms. Juthika Das, Mr. Salman Rafeek.	UG Department
8.	Institute's UG Department organized a Project Management Workshop from 5th – 7th January,	Mr. Amar Gaur, Mr. Sufiyan Bagwan ,Mr. Kaustubha Sawant, Mr. Yogesh Shethiya	UG Department

3.Competitions:

Sr. No.	Competition Name
1	Hackathon 3.0 Competition (AI Based Application)
2	Talent Hunt 2.0 Competition (Based on DBMS)
3	BI 2 BI Competition – Phase I & II 2023
4	BI 2 BI Phase III Competition 2023
5	Srujan EVS Poster Presentation Competition 2023
6	Anwesh- 2022-23 Project Presentation Competition
7	Intramural Badminton Competition
8	Inter Collegiate and Inter Group Sports Competition
9	Essay Competition organized by Institute‟s Library
10	Avishkar Poster Presentation Competition 2022
11	Anwesh Field Work Presentation Competition
12	AIDS Awareness Online Quiz Contest organized by Institute.
13	Poster Presentation & Slogan Writing Competition on the occasion of AIDS Day.
14	Project Management Workshop organized by UG Department

4. Topper Assessment System:

Topper assessment system is carried out for advance learner students. In these system students are prepare, guide and motivated by subject teacher for improving performance in examinations.

Special programs for slow learners-

Sr. No.	Name of Program
1	Remedial Coaching
2	Retest
3	Peer-group learning

1. **Remedial Coaching :**

   Subject wise remedial coaching is provided to all students who failed in university exams. The objectives are to give special attention to the problems of slow learners, to improve academic performance of the slow learners, to avoid the dropout ratio. It becomes difficult to stop the drop out when slow learners are not paid proper attention in their academic life. As an essential part of educational pedagogy and educational psychology, slow learners should be diagnosed with their problems and should be provided with proper remedies. Considering this vital fact, institute has taken effective initiative to stop the drop out by bringing slow learners in the main stream of academic life. It is regular academic process of the institute to facilitate slow learners with remedial coaching related to difficult topics from the curriculum.. It helps in their comprehension of overall curriculum. Remedial Coaching is provided free of cost to the slow learners irrespective of their social and financial status. Home assignments are also arranged by the faculty members for the students to bridge the knowledge gap & enable them to cope with the academic course to which they are enrolled. Faculties are available beyond class hours and during vacations for academic interaction. Remedial coaching classes are completed before the commencement of exams. Model question papers are solved by the students with the help of respective faculties.

2. **Retest:**

   After result of internal exam, failed students are identified and subject wise retests are conducted for such students.

3. **Peer-group learning:**

   Peer-group learning method is applied where both the slow and advanced learner students are combined together for understanding of particular subject, topic assignment.