YEARLY STATUS REPORT - 2023-2024

Part A	
Data of the Institution	
1.Name of the Institution	`MVJ College of Engineering`
• Name of the Head of the institution	`Dr. Suresh Babu V`
• Designation	`Principal`
• Does the institution function from its own campus?	`Yes`
• Phone No. of the Principal	`0804291002`
• Alternate phone No.	`0804291000`
• Mobile No. (Principal)	`9495502300`
• Registered e-mail ID (Principal)	`principal@mvjce.edu.in`
• Address	`Near ITPB, Channasandra, Whitefield, Bangalore`
• City/Town	`Bangalore`
• State/UT	`Karnataka`
• Pin Code	`560067`
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	`24/06/2019`
• Type of Institution	`Co-education`
• Location	`Urban`

• Financial Status		
• Name of the IQAC Co-ordinator/Director	**Dr M Brindha**	
• Phone No.	**08042991005**	
• Mobile No:	**9632773981**	
• IQAC e-mail ID	**dean-affiliation@mvjce.edu.in**	

3.Website address (Web link of the AQAR (Previous Academic Year)	https://mvjce.edu.in/about-us/internal-quality-assurance-cell-iqac/
4.Was the Academic Calendar prepared for that year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://mvjce.edu.in/autonomous/exam-notification-timetable-and-application/

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B++**	**3.00**	**2018**	**02/11/2018**	**31/12/2024**

6.Date of Establishment of IQAC	**01/12/2012**

7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Dr. REMASHAN	**FACULTY DEVELOPMENT PROGRAM**	**AICTE_ATAL**	**27/09/2023**	**3,50000.00**

8.Provide details regarding the composition of the IQAC:

• Upload the latest notification regarding the composition of the IQAC by the HEI	No File Uploaded

9.No. of IQAC meetings held during the year	2	
• Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?	Yes	
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	
10.Did IQAC receive funding from any funding agency to support its activities during the year?	No	
• If yes, mention the amount		

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

1) Development of Institute Strategic Plan: Short term and Long term goals were developed for Academic plan, research plan, Finance plan, Infrastructure, faculty, etc., 2) NIRF Committee to formulate strategic plan to improve NIRF ranking. 3) New Research Centres: To have modern lab facilities to carry out research activities and enhance skill development of student's. 4) Organization of Project Expo; To inculcate creativity among students and enhance innovative projects.

12.Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:

Plan of Action	Achievements/Outcomes
Submission of AQAR for the year 2023-24.	AQAR for the academic year 2023-34 was submitted on the NAAC Portal

13.Was the AQAR placed before the statutory body?	Yes
• Name of the statutory body	

Name of the statutory body	Date of meeting(s)
BoG	30/11/2024

14.Was the institutional data submitted to AISHE ?	Yes

- Year

Year	Date of Submission
2024	02/04/2024

15.Multidisciplinary / interdisciplinary

MVJCE is autonomous from 2019-20 and has the flexibility to design its own curriculum. We have implemented NEP 2020 from 2021-22. The multidisciplinary courses introduced to all the students are Management and Entrepreneurship, Constitution of India and Professional Ethics, Universal Human values and Environmental sciences. IQAC of MVJCE is very keen on implementing this. Students are given opportunity to learn Multidisciplianry/interdisciplinary courses through Open elecitve, ability enhancement courses, certiifcate courses, etc., Multidisciplinary/Interdisciplinary education. Students are encouraged to do multidisciplinary projects (major/minor/course) and mentors have been allocated to them from their respective disciplines. The concept of Major and Minor is introduced and regulations are drafted for this purpose. Ability Enhancement Courses are introduced from 2021 curriculum for all the students from I year as per NEP guidelines.

16.Academic bank of credits (ABC):

Academic Bank of Credits has been established on the lines of the National Academic Depository (NAD), in the sense, NAD is the backbone of ABC, where the students' academic data are held and academic awards are stored (i.e. storehouse of academic awards). Our students have registered in Digilocker and created their APAAR id. All the provisional Degree certificates and all the grade cards are uploaded to the NAD portal by the Institution.

17.Skill development:

MVJCE has been conducting various skill Development courses for its students. The curriculum is so designed to enhance the professional skill attributes of students, as per the recommendation of AICTE, Professional skills courses were introduced in align with the graduate attributes specified by NBA. To enhance the practical skill for students and to familiar with latest developments in industry, one credit courses were also introduced. The following skill

development courses have been conducted in 2021-22. Apart from this Skill Development courses are offered under 11 verticals and Intra-Institutional Internships were provided to all I-year students. Ability Enhancement Courses for Skill Development: 1.Idea Box 2.Tomorrow's Engineers 3.Foundation Skills in Integrated Product Development 4.Astronomy Club 5.CNC 6.IOT 7. Robotics & Industrial Automation 8.Software Development 9.UAV 10.Tinkering Lab 11.LabVIEW We have also included 11credits for Ability Enhancement courses to develop skills of students in 2021 Autonomous Curriculum.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

The institute has introduced Indian Knowledge System in the curriculum. MJVCE designed and developed the Professional Skills courses that focus broadly on ethical and morality responsibility; importance of relationships, reaching out to people and physical, mental and social wellbeing. These courses have been designed with the help of domain experts and are being offered to all students at various semesters. Various sessions on Wellness for Students, Universal Human Values, Understanding Harmony, Teamness and interpersonal skills and Campus to Corporate are organized for first year students during Induction Programme. We have Ek Bharat Shreshtha Bharat (EBSB) Cell in our college. Ek Bharat Shreshtha Bharat programme aims to enhance interaction & promote mutual understanding between people of different states/UTs through the concept of state/UT pairing. We are mapped to uttarakhand state. students came to know different religions present in Uttarakhand.Students came to know about various Arts and Crafts in Uttarakhand.It helps students to know the culture and tradition followed in other states. Students actively participate in Yoga, Holistic Health, Painting, Music (Vocal), Music. (Instrumental), Film Making, entrepreneurial development etc. Our Institution organises intra and inter college events to promote these events.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

All programs are defined according to expected outcomes of Graduates, as defined by National Board of Accreditation guidelines. This involves identifying Course Outcomes and Program Outcomes, while revising the curriculum. The Examination questions framed are based on Bloom's Taxonomy of cognitive processes for all our assessment methods including Internal and EndSemester Examinations, value added courses, entrepreneur programs, Internships, projects, Viva-Voce, Assignments etc.,Faulty members and students regularly adopt the Outcome Based Education Framework (OBE) and carry out many innovations in teachinglearning practices and assessment. The

attainment of Course Outcomes is calculated for all the courses and program attainment is also calculated. The feedback is taken from all the stakeholders through survey forms and analysis and is analysed for continuous improvement. The skill sets of students are analyzed and improved through various activities like seminars, lecture sessions, workshops, industrial visits, internships, course projects, etc., The curriculum is framed according to the industry requirements to make students employable. The IQAC sets the target level for all the courses. The measurement of Course Outcome attainment and Program outcome attainment are analyzed further and appropriate actions are taken for continuous improvement.

20.Distance education/online education:

MVJCE is not offering Distance education or online education. The various online tools like Virtual labs, Webex tools, open source tools, and software were used for online teaching and learning. MVJCE encourages students to learn courses through online mode. Faculty follow the methods of teaching and learning practices such that it is learner centric. Faculty members regularly use number of prominent ICT tools,, Virtual lab practical, etc., In the Autonomous Curriculum, the certification courses (online) and MOOC courses are introduced.

Extended Profile

1.Programme

1.1   **32**

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.Student

2.1   **3896**

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	[View File](#)

2.2   **928**

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.3   **3979**

Number of students who appeared for the examinations conducted
by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.Academic

3.1   **864**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.2   **234**

Number of full-time teachers during the year:

Extended Profile

1.Programme

1.1 Number of programmes offered during the year:	**32**

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.Student

2.1 Total number of students during the year:	**3896**

File Description	Documents
Institutional data in Prescribed format	[View File](#)

2.2 Number of outgoing / final year students during the year:	**928**

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.3 Number of students who appeared for the examinations conducted by the institution during the year:	**3979**

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.Academic

3.1 Number of courses in all programmes during the year:	**864**

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.2 Number of full-time teachers during the year:	**234**

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.3 Number of sanctioned posts for the year:	**234**

4.Institution

4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	**1047**
4.2 Total number of Classrooms and Seminar halls	**86**
4.3 Total number of computers on campus for academic purposes	**1358**
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	**2387**

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

All the courses MVJCE developed are relevant to local, national and global developmental needs. Every department has a Board of Studies (BoS) comprising the Faculty and external Subject Experts (from Academia and Industry), who, after deliberations, approve the syllabus of every course. Every programme presents each course's Programme Outcomes, Programme Specific Outcomes, and Course Outcomes. Additionally, each course/subject of any given

programme carries a Course objective that unfolds the learning outcome for that course. The Board of Studies of each department oversees the relevancy and requirements of any course in the programmes that the department offers. As members of the BoS meet every year without fail, the BoS revises courses if needed, considering the academic trends, and market or industry requirements. Though minor revision is a continuous practice, any major revision is done mostly after the completion of the duration of a programme. Every department has a wide range of domain-based special interest groups to carry out Research and Development activities that are pertinent to the industrial and socio-environmental spectrums, for local, regional, national and global developments. There are several courses in different programmes which enable students to analyze the local and regional needs and provide solutions based on the engineering/science/management knowledge that they have acquired. At the same time, this opportunity also gives the students a real-life experience.

File Description	Documents
Upload additional information, if any	[View File](#)
Link for additional information	https://mvjce.edu.in/programmes/electronics-and-communication-engineering/curriculum/

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

22

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	[View File](#)
Details of syllabus revision during the year	[View File](#)
Any additional information	[View File](#)

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

967

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

864

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

22

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

MVJ College of Engineering strongly believes in integrating

Page15/73 01-10-202306:43:36 Annual Quality Assurance Report of MVJ COLLEGE OF ENGINEERING cross-cutting issues with a view to ensuring the holistic development of students. The Institute has left no stone unturned, to create a healthy and harmonious working environment with respect to issues related to Gender, Environment and Sustainability, Human values and Professional Ethics, all of which are included in the curriculum. Professional Ethics: The courses that integrate Professional Ethics are 'Constitution of India, Professional Ethics and Cyber Law'. This helps students identify their individual role and ethical responsibility towards society, and to understand human rights and their implications. Gender: Boys and Girls are given equal preference in all aspects such as admission, training and placement activities and all Curricular and Extra-Curricular Activities. Women Empowerment Cell is developed to increase social, economic and intellectual capacities for peace, security and prosperity of mankind. Environment and Sustainability: Subjects like Environmental Studies are offered to all 3rd year students in all the Engineering branches. 6th semester students are offered open elective subjects such as Process Wastewater Management, Solid Waste Management in Process Industry, Occupational Health and Safety, Renewable Energy System and NonConventional Energy Sources – all of these impart knowledge related to Environment and Sustainability. Universal Human values (UHV) is a two-credit course offered at the II-year level for all the students. It provides the essential guidelines for human conduct and human society.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

111

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

5659

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

2887

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni	**A. All 4 of the above**

File Description	Documents
Provide the URL for stakeholders' feedback report	https://mvjce.edu.in/about-us/internal-quality-assurance-cell-iqac/
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following	A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	https://mvjce.edu.in/about-us/internal-quality-assurance-cell-iqac/
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

1047

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

1047

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

Based on their CIE & SEE performance in the subjects, students are classified into two groups - advanced learners and slow learners. After the completion of each CIE, the student who secures good scores in each subject is identified as an advanced learner and every year, semester toppers and university rank holders are

honored with certificates and cash prizes during Founder's Day.

Students are continuously motivated to appear in competitive examinations - GATE, GRE etc. - and the necessary support is provided to them. Advanced learners are given opportunities to be part of innovative projects and other technical initiatives of the institute. They are given the opportunity to participate in Hackathons, Paper Presentations, Project Competitions, and participate in Summer Projects and Internships. They also help slow learners through peer learning. Through a mentor-mentee system also all kinds of support are provided to the slow learners. The strenuous efforts taken by the faculty towards the slow learners has resulted in students' understanding in their chosen domain, improved results, and pass percentage. The mentor takes extra effort to understand the socioeconomic backgrounds also which is sometimes a reason for poor performance. Parents of students are informed in case of poor academic performance and psycho-social problems whenever necessary.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://mvjce.edu.in/news/students-or-college-achievements/

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
27/09/2023	3911	234

File Description	Documents
Upload any additional information	[View File](#)

2.3 - Teaching- Learning Process

2.3.1 - Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences:

The Institute focuses on student-centric methods to enhance the lifelong learning skills of students. Faculty members take efforts in making the learning activity highly interactive, by adopting the following student-centric methods.

Experiential Learning: Every department conducts add-on programmes to support students in their experiential learning. The Institution adopts the following experiential learning practices to enhance the creativity and cognitive levels of the students –

- Project work is organized in two phases 1) Mini project and 2) Major Projects this is an essential element of each programme
- Internship or Field Projects in industry
- Add-on Courses on latest technologies, with NPTEL, ICT-IITK, Coursera etc.
- Industrial Visits to engage them in experiential learning
- Certification Courses (Value-Added Courses) by market experts such as Microsoft/ Google/ NSE etc.
- Guest lecture by eminent experts from industry and academics
- Participatory Learning: In this type of learning, students participate in various activities such as seminars and group discussions. Students are encouraged to participate in activities where they can use their specialized technical or management skills. These activities include:
- Annual Tech Fest, Seminar Presentations and Presentation and publishing of Papers in Conferences and Journals .

Problem-solving methods: Departments encourage students to acquire and develop problem-solving skills. Towards this end, the College organizes expert lectures on various topics, motivates students to join NPTEL & MOOC courses, and participate in various inter-college and intra-college technical fests and other competitions.

- Participation in National and international hackathons

File Description	Documents
Upload any additional information	[View File](View%20File)
Link for additional Information	https://mvjce.edu.in/news/students-or-college-achievements/

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

MVJCE constantly upgrades its IT facilities to help make learning more creative, innovative and informative. The entire campus is enabled with Wi-Fi facility with a bandwidth of 1.2 GBps. Classrooms are equipped with LCD projection systems, Screens and

Green Boards. Students use an online public Access Catalogue which includes a Digital Library, Bibliography, E-Journals, E-Books and E- Databases. Students and faculty members can access e-books, eresources through DELNET, VTU – Consortia. In addition to the chalk-and-talk method of teaching, the faculty members are using ICT-enabled learning tools such as PPT, Video clippings, Audio system, online resources, MOOC and NPTEL videos, to expose the students to advanced knowledge and practical learning. There is a major emphasis is on classroom interaction in terms of research paper presentations, seminars, group discussions, assignments,quiz/tests/viva-voce and laboratory work.

LIST OF ICT TOOLS USED BY TEACHERS

1. Smart classroom
2. Seminar Halls
3. Computer-assisted learning
4. Webex online classroom
5. Microsoft Teams online classroom
6. LMS materials available on the College website
7. E-book and E-Journal facilities available in library
8. NPTEL and IIT-Bombay Spoken Tutorial online classes

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://mvjce.edu.in/about-us/naac/?tab=vdo-lece
Upload any additional information	View File

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

226

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Adherence to Academic Calendar: At the commencement of every academic year, the College announces the academic calendar. The academic calendar provides the date of commencement of the academic session, duration of the semesters, dates of internal assessment tests, final semester examinations and government holidays. The academic calendar helps students and faculty members to get full visibility of events on the campus during the year.

Teaching Plans:

The teaching plan is prepared by each department, under the guidance of the Department Advisory Committee (DAC) and Internal Quality Assurance Cell (IQAC).

Once the academic schedule is prepared, the subject allocation is done as per the following procedure.

- Heads of the departments conduct meetings with their respective faculty well in advance, before the commencement of the semester, and allocate subjects to the faculty.
- Once subject allocation is finalized, the Timetable is prepared and circulated to the faculty. It is displayed on the notice board after the approval of the Principal, Vice-Principal and Head of the Department.
- The number of hours for each course is decided, depending on the credits of that particular course. The effective implementation of the lesson and lecture schedule is monitored by the Head of the Department and TQM Members

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	[View File](#)

2.4 - Teacher Profile and Quality

2.4.1 - Number of full-time teachers against sanctioned posts during the year

234

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	**No File Uploaded**

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

95

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	**No File Uploaded**

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

1455

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	**No File Uploaded**

2.5 - Evaluation Process and Reforms

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

15

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	[View File](#)
Any additional information	No File Uploaded

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

0

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	No File Uploaded
Upload any additional information	No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

Examination: The examination for the autonomous courses is conducted by the Institute, in two stages emphasizing continuous Internal Evaluation [CIE] throughout the semester and Semester End Examination [SEE] at the end of the semester. Complete examination process is executed by the Office of the Controller of Examination in coordination with all departments.

Processes/Procedures integrating IT: The examination procedure is automated with ETlab Software, executing full academic autonomy culminating in secure, confidential, accurate, efficient and auditable examinations during Internal Assessment.

Continuous Internal Assessment System: is based on a) CIE test, and b) Quiz, mini project, assignments, internship, MOOC and field visits and so on. The course co-coordinator sets the question paper for the Internal Assessment based on various RBT levels and mapped to the Course Outcomes (COs) to assess the students at various RBT levels. The course coordinator submits the question paper to the BOE committee and the committee checks the quality, format, RBT level and COs compliance and suggests any changes, if required.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://mvjce.edu.in/autonomous/exam-notification-timetable-and-application/

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

Every effort is made to ensure that the Course Outcomes, Programme Outcomes and Programme Specific Outcomes are communicated effectively to all stakeholders, namely students, faculty, parents, industry, regulating authorities, alumni, management etc.

MVJCE follows the Programme Outcomes (POs) defined by the National Board of Accreditation (NBA), and these are to be fulfilled by all the programmes. The Course Outcomes (COs) for each subject are available in the syllabus, and are defined by the concerned faculty member (in consultation with other faculty teaching the same subject) and HOD, and approved in the BOS meeting. Learning Outcomes of the Programmes and Courses are observed and measured periodically by IQAC.

The POs, PSOs and COs are available on the College website. Moreover, they are available at the following places too, for the benefit of students, teachers and other staff:

1. College website
2. On department notice boards and laboratories
3. Department Newsletter, Magazine, Brochures and prospectus
4. Lab manuals
5. Disseminated in Placement training programmes
6. Disseminated during student seminars and orientation programmes
7. Department Handbook
8. Survey Forms
9. Academic Calendar
10. Internal Answer Booklets
11. Syllabus Book

Students also get to know the COs, POs and PSOs through faculty announcements during the beginning of each semester, and from time

to timeduring the entire semester.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://mvjce.edu.in/about-us/about-mvjce/

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

Method of assessment of POs:

Programme Outcomes are assessed with the help of Course Outcomes of the relevant courses, through direct and indirect methods. Direct methods are provided through direct examinations or observations of student knowledge or skills against measurable Course Outcomes. The knowledge and skills described by the Course Outcomes are mapped to specific problems on semester end examinations & internal exams. The performance of students in different assessments of CIE and SEE are evaluated for the attainment of COs.

The weightage given for direct assessment is 80% and indirect assessment is 20%.Target levels of attainment of Course Outcomes (COs) are set; Course is delivered; actual attainment of COs is determined using

- internal assessment 1, 2, 3 and SEE.
- Indirect methods such as surveys ask the stakeholders to reflect on the student's learning. They assess opinions or thoughts about the student's knowledge or skills and they are valued by different stakeholders, which are then used to evaluate the attainment of POs and PSOs.
- POs and PSOs are achieved through curricular, co-curricular and extra-curricular activities.
- Target levels of attainment of POs and PSOs are set; Program is delivered; actual attainment of POs and PSOs are determined; the loop is closed either by increasing the target level for the next cycle of the programme, or by planning suitable improvements in all the relevant activities to increase the actual attainment.

File Description	Documents
Upload any additional information	*View File*
Paste link for additional Information	*https://sgeio-my.sharepoint.com/:b:/r/personal/jeeva_b_mvjce_edu_in1/Documents/2.6.2_add_info.pdf?csf=1&web=1&e=Cb845j*

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

831

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	*View File*
Upload any additional information	*View File*
Paste link for the annual report	*https://sgeio-my.sharepoint.com/:b:/g/personal/jeeva_b_mvjce_edu_in1/EbqdVfpcdUBGmDf1lpCsYFsBr1qu51Od4l5HRPvHj-OiJA?e=pZIbbY*

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink

https://mvjce.edu.in/about-us/internal-quality-assurance-cell-iqac/

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

The Research & Development Cell of MVJCE facilitates and encourages research culture among the faculty and students.Itenables a congenial and conducive environment for technological development, providing all the infrastructural

facilities and monitoring the research activities of faculty and students. The R&D Cell is functioning under the guidance of Dr. B.N Raghunandan. Faculty are encouraged to apply to various funding agencies and pursue their research. The Institute also provides seed funding or partial funding, based on the merit of the proposals submitted by faculty or student. The college has formulated a R & D policy to promote R & D amongst faculty. The R & D cell meets every fortnight to discuss the funding proposals to be submitted to various funding agencies. The R&D Cell takes upon itself the responsibility of creating a workplace that can attract the best talent, and strives continuously to pool the skills and internal resources and create strategy, overcoming limitations. The Institute encourages the faculty by providing incentives for peer-reviewed publications in SCI indexed journals, writing books and filing patents. The Institute takes care of the patent filing process, which is governed by the IPR Cell of the Institute. Six of our Research Centers are recognized by Visvesvaraya Technological University, and fulltime research scholars are allotted by the University to pursue their research work in these Centres under the guidance of the College faculty.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	[View File](#)
Provide URL of policy document on promotion of research uploaded on the website	https://mvjce.edu.in/campus-life/special-departments/
Any additional information	No File Uploaded

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

0.575

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	No File Uploaded

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

0

File Description	Documents
e-copies of the award letters of the teachers	No File Uploaded
List of teachers and details of their international fellowship(s)	No File Uploaded
Any additional information	No File Uploaded

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

16.69

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	No File Uploaded

3.2.2 - Number of teachers having research projects during the year

14

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.kscst.org.in/english/index.html , https://www.aicte-india.org/atal# , https://yukti.mic.gov.in/ , https://www.faer.ac.in/2324-faer-scholar-awards
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

49

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

6

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://www.kscst.org.in/english/index.html , https://www.aicte-india.org/atal# , https://yukti.mic.gov.in/ , https://www.faer.ac.in/2324-faer-scholar-awards
Any additional information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The Institution has created an ecosystem for innovation, including incubation centres and other initiatives, for the creation and transfer of knowledge. Faculty members are empowered to take up research activities, utilizing the facilities available at theInstitute. The Research and Development Cell of the College motivates the faculty members to write feasibility studies and research projects, and get funding from various funding agencies like DRDO, DST, AICTE, DBT, KSCST, VGST etc, It also helps to create a research culture among faculty members and students. The Entrepreneur Development Cell (EDC) at MVJCE initiated various activities and training programmes for the career enhancement of students. EDC created a platform like IDEABOX, for students to share their research perspectives/ideas. The Institute also has an active Industry Institute Partnership Cell (IIPC), which helps to bridge the gap between industry and academics by organizing various events like skill development programmes, IndustryAcademia meets, guest lectures etc. Awareness programmes of various schemes under Karnataka State Small Industry Development Corporation, Digital India, and Make in India were also conducted under the auspices of the IIPC. The Institution has a wellestablished and vibrant Institute Innovation Council (IIC) which strengthens other cells such as EDC, Idea Box, IIPC, Tomorrow'sEngineers, FSIPD, and Tinkering Lab. The well-established IPR cell at MVJCE guides both faculty and students on Intellectual Property Rights, and also guides them in filing patents with financial support.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://mvjce.edu.in/campus-life/special-departments/

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

63

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploaded

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software	A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

13

File Description	Documents
URL to the research page on HEI website	https://mvjce.edu.in/campus-life/special-departments/
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

209

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

21

File Description	Documents
Upload any additional information	View File
Paste link for additional information	**Nil**

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

283

File Description	Documents
Any additional information	**No File Uploaded**
Bibliometrics of the publications during the year	View File

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

19

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	**No File Uploaded**

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

2.56

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	View File

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

Nil

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	View File
List of facilities and staff available for undertaking consultancy	View File
Any additional information	**No File Uploaded**

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

The College is taking up various initiatives to improve the quality of life of the people living in the surrounding neighborhoods. It is mandatory for all our students to play a role in representing various social issues through parallel activities in various student clubs. The student volunteers visit neighboring localities and conduct various activities, regularly. The basics of computer and computer programs such as C, C++, JAVA, MS office

etc. are taught to the children in rural areas. Our NSS unit created awareness among these people, of the harmful effects of plastic on the environment, to make our surroundings plastic-free. The NSS unit conducted awareness sessions on COVID-19 in thenearby villages, and distributed food, masks and sanitizers at the peak of the pandemic. Our students are also helping the local school to achieve good results, encouraging these kids to take up technical education. Our students are doing a lot for the overall benefit of the society, fulfilling their responsibility towards the world around them. All these activities have a positive impact on the students too, it has developed student-community relationships, and embellished their leadership skills and selfconfidence. It has brought out a hitherto unknown side of our students.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://mvjce.edu.in/campus-life/nss-ncc/

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

1177

File Description	Documents
Number of awards for extension activities in during the year	[View File](#)
e-copy of the award letters	[View File](#)
Any additional information	No File Uploaded

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

12

File Description	Documents
Reports of the events organized	[View File](#)
Any additional information	[View File](#)

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

1464

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

381

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

4

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	**No File Uploaded**

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning, viz., classrooms, laboratories, computing equipments, etc.

MVJCE has state of the art infrastructure, creating an environment for progressive learning and development. All classrooms are Wi-Fi

**enabled. Eight departments of MVJCE are VTU recognized research
Centre wherein the students and faculties can carry out their
project/research work. During the pandemic period the online
classes the academic activities remained unaffected. Classes were
conducted in Microsoft Teams platform. The institution has
Microsoft office 365 A1 plus licence and all students and
faculties were provided with organizational account. All the
classes conducted were recorded and recordings were uploaded in
Streams where the students can access it anytime. Lab experiments
were recorded and shared with the students during online class.
Apart from regular labs, we have 9 VTU approved research centres,
industry tie up laboratories like, Infosys campus connect lab, UAV
lab, NI lab etc. in order to fill the gap between the curriculum
and industry. Labs are equipped with sufficient hardware and
licensed software to run program specific curriculum and off
program curriculum Enough number of personal computers are
available for the smooth conduction of the lab. The number and
area of the classrooms and labs are as per the requirement
specified by the statutory bodies. The institution hasalso
implemented recording facility to record the MOOC courses.**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://mvjce.edu.in/campus-life/facilities/

4.1.2 - The institution has adequate facilities for cultural activities, yoga, sports and games (indoor and outdoor) including gymnasium, yoga centre, auditorium etc.)

**Sports activities occupy a significant part of the college
curriculum in MVJ College of engineering. The Physical Education
Department of MVJCE is equipped with multitude of sports-centric
facilities. These facilities are optimally utilised for training
students and assisting them to remain fit through various sports
activities. The campus houses full-fledged sports amenities for
both indoor and outdoor sporting events. The outdoor facilities
include large playing fields for Cricket, Hockey, Football,
Kabaddi and Kho-Kho. The campus is equipped with dedicated space
for basketball, Volleyball and Throw ball. There is a 200-metre
athletic track available for the athletic events. The indoor sport
facility at MVJCE includes practice/training rooms for Wrestling,
Judo, Table Tennis, Chess and Carrom. The Weightlifting and Power
lifting training facility at our campus helped many students to**

win many university level and inter collegiate events. We also host Dr. M.V Jayaraman memorial cricket tournament and Smt Raja Lakshmi Jayaraman inter collegiate volleyball tournament every year. MVJCE also has a large well equipped indoor gymnasium facility, available for both the staff and students which include facilities for Weight Training and Cardio exercises. An experienced trainer will be available at the gymnasium to assist the users. Practice of Yoga fosters harmony in the body, mind, and environment. The college organizes Yoga sessions frequently to create awareness on physical and mental well-being among the staff and students of MVJCE.

File Description	Documents
Geotagged pictures	[View File](#)
Upload any additional information	[View File](#)
Paste link for additional information	https://mvjce.edu.in/campus-life/facilities/sports/

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

86

File Description	Documents
Upload any additional information	[View File](#)
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	[View File](#)

4.1.4 - Expenditure for infrastructure augmentation, excluding salary, during the year (INR in Lakhs)

556

File Description	Documents
Upload audited utilization statements	**No File Uploaded**
Details of Expenditure, excluding salary, during the years	View File
Any additional information	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

Name of ILMS software: KOHA

Version: 20.11.19.000

Nature of automation: Fully Automated

Year of Automation: 2023

1. **Koha is a open-source Integrated Library System (ILS) that empowers libraries to manage their collections and streamline operations. Developed with the principles of open-source software, Koha offers a range of modules and functionalities that cater to the diverse needs of libraries.**
2. **Key features of Koha include:**
3. **Comprehensive modules: Koha encompasses core modules such as cataloguing, circulation, acquisitions, serials, administration, reports, tools and online public access catalogue (OPAC).**
4. **Customization and flexibility: As an open-source system, Koha allows libraries to customize and adapt the software to fit their specific requirements. Libraries can configure workflows, tailor cataloguing rules, and personalize the user interface to align with their unique needs and preferences.**
5. **User-friendly interface: Koha provides an intuitive and user-friendly interface for library staff and users. Koha user can efficiently navigate the system, perform tasks, and access relevant information, while library patrons can easily search for materials, place holds and manage their accounts through the OPAC**
6. **Automation and efficiency: Koha helps libraries optimize their operations and improve efficiency by automating**

various library processes.

7. Interoperability and integration: Koha supports interoperability with other systems and standards, allowing seamless integration with third-party services and technologies.

8. Community support: Koha benefits from a vibrant and active community of developers, library professionals, and users contributing to its ongoing development, support, and improvement.

9. Cost-effectiveness: Being an open-source solution, Koha eliminates the need for expensive proprietary licenses.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sites.google.com/view/mvjce-central-library/

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

43

File Description	Documents
Audited statements of accounts	**No File Uploaded**
Any additional information	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

1290

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	View File

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

Workstations and Software: The institution has 1,390 desktops and laptops equipped with Core i5 (10th Gen), 8GB RAM, and 250GB SSDs. Additional machines have Core i3 configurations. Licensed software includes 1,300 Windows 11 Pro systems, Office 365, and open-source OSs like Fedora, Ubuntu, and CentOS. Specialized software like MATLAB and AutoCAD is also available.

Server Configurations: The data center houses 14 servers, each with Xeon E-5 v2 processors, 32 GB RAM, and 1.2 TB storage, including dedicated biometric servers for students and faculty. Storage servers provide a total of 10 TB, with a 3 TB backup device for critical data.

LAN Facility: The network includes 46 gigabit network switches and 26 Power over Ethernet (PoE) switches for managing access points, CCTV, and intercoms, all supported by a SOPHOS XGS Firewall. The system accommodates up to 2,500 simultaneous users and shares 4 Gbps of internet connectivity across the campus. Internal VLANs are implemented to enhance security and segment network traffic.

Wi-Fi: The campus is equipped with 125 extendable Wi-Fi access points, providing internet access in areas such as labs, the library, hostels, and outdoor spaces. Wi-Fi is managed through SOPHOS Cyberoam Firewall and supports students and departmental heads with laptops.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://mvjce.edu.in/campus-life/facilities/

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3997	**1358**

File Description	Documents
Upload any additional information	[View File](#)

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus	**A. ?50 Mbps**

File Description	Documents
Details of bandwidth available in the Institution	[View File](#)
Upload any additional information	[View File](#)

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing	**D. Any one of the above**

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://mvjce.edu.in/campus-life/facilities/
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)

1831

File Description	Documents
Audited statements of accounts	**No File Uploaded**
Upload any additional information	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities – classrooms, laboratory, library, sports complex, computers, etc.

The institution has the structured system for maintaining and utilizing the facilities available. MVJCE Facility management team maintains the physical and academic support facilities. The various responsibilities of the team are housekeeping activities, maintenance of Garden, pest control, entire campus snag work etc. MVJCE deployed four location supervisors across the campus. Each location supervisor will report to the maintenance manager regarding his observations on electrical, plumbing, and housekeeping related issues/complaints. A logbook is maintained for the same. The college has various committees for maintenance and upkeep of infrastructure. Regular meetings of various committees constituted for this purpose meet regularly to discuss about the requirements which occur time to time. The computers are maintained in the Institution by IT help desk. This division provides the integrated IT services like smooth running of automation, up-gradation and maintenance of automation package, college website, biometric services, troubleshooting of hardware, networking equipments including internet connectivity, procurement of hardware, software. The equipment and machineries in the laboratory/workshop are maintained by the lab In-

charge(s)/workshop In-Charge(s) with the advice of HOD. The physical education department is facilitated by the physical directors to educate the students. The marker of the department makes the play field ready for the students, by marking the ground and providing the play kits. The Security of the college is headed by the Security officer. He is supported by security guards. Security officer assigns the duty to the security guards to control and monitor the college the premises

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://mvjce.edu.in/about-us/institute-level-committees/

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

1427

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	[View File](#)
Upload any additional information	[View File](#)

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

247

File Description	Documents
Upload any additional information	[View File](#)
Institutional data in prescribed format	[View File](#)

5.1.3 - The following Capacity Development and Skill Enhancement activities are	A. All of the above

organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

File Description	Documents
Link to Institutional website	https://mvjce.edu.in/all-news/report-on-guest-lecture-fpga-based-prototyping/
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

3277

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees	**A. All of the above**

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	View File

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

380

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

24

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	View File

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

9

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

38

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

STUDENTS PARTICIPATION IN ACTIVITIES

The institution does not have any student council, but there are Clubs/Societies where students are a part of with the objective to make the students participate in the development of the institute as well as in the process to develop their personality, organizational skills, and career through interactive programs with the faculty, administration, and society.

ANTI-RAGGING COMMITTEE is headed by the Head of the Institution, and consisting

of representatives of civil and police administration, local media, Non-Government Organizations involved in youth activities, representatives of faculty members, nonteaching staff, parents, and students.

STUDENT GRIEVANCE REDRESSAL COMMITTEE A redressal committee functions in the institution to receive the grievance in person, to analyze and examine the nature of grievance, to deliberate with the members of committee and call for remarks if necessary and to resolve the issues impartially.

CLASS COMMITTEE is constituted in every department which is headed

by the Head of the department and shall have two meetings in a semester to ensure the responsibilities set by the committee.

OTHER CLUBS DETAILS IQAC, EDC, Women Empowerment Cell, IIC, Sports Committee, Hostel Committee Health and Hygiene Club, Music Club, Dance Club, Theatre Club, IEEE, Student Chapter IETE Literary Club.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil

5.3.3 - Number of sports and cultural events / competitions organised by the institution

18

File Description	Documents
Report of the event	[View File](#)
List of sports and cultural events / competitions organised per year	[View File](#)
Upload any additional information	[View File](#)

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

On 10th May 2019, our Official Alumni Association was formed in the name 'MVJCE Alumni Association' by the provisions of Karnataka Societies Registration Act, 1960.Our Alumni Association works for the overall development of students as well as the institution and it helps our institution in terms of academic planning, placements of students, career guidance and technological guidance. The first Annual General Body Meeting was conducted on 11.7.2020 and recently an Annual Alumni Meet was organized at MVJCE on 23.09. 2023.

The main objectives of the Association are:

- All students graduating from MVJCE to be in sync with the activities and growth of the Institute.

- **To provide a forum for bringing together the alumni to contribute effectively to the cause of engineering education and research in the country.**
- **To promote professional, cultural, and social contacts among the members to enhance the further growth and prosperity of this great institution and her progeny.**
- **To create opportunities and kindle the spirit of entrepreneurship among students and to support in their development by sharing the expertise, experience of the alumni.**
- **Some of our alumni are industrialists and they share their knowledge and expertise with the students by arranging motivational lectures.**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	**Nil**

5.4.2 - Alumni's financial contribution during the year	**E. <2 Lakhs**

File Description	Documents
Upload any additional information	[View File](#)

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

The Governance of the Institution is strictly in accordance with the Vision and Mission. The decentralized governance ensures better performance. The Governing Council, which has representatives from the faculty as well, offers its advice on all the functions, goals and important decisions. The Staff Council, headed by the Principal and Deans, with HODs as members, ensures the proper implementation of the decisions and directions given. The Office Administration of the College is headed by the Registrar. There are several committees for implementing Decisions and resolutions. The Institute consistently promotes a culture of participative management. The HODs are conferred department-level authority. The HOD communicates the responsibilities of the

faculty members through regular staff meetings. The faculty members involve themselves in the implementation of the decisions of the department. Hence, at every level, there is participative management. The Institute has a perspective plan that helps to streamline various processes like evaluating the methodologies of the teaching-learning process, research progress, infrastructure facilities, Industry-Institute partnership etc. All planning and execution are monitored regularly. The financial perspective is also addressed well.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://mvjce.edu.in/about-us/board-of-governors/

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

The College promotes decentralized and participative management and has various committees to implement decisions. Operational autonomy is provided to Deans, HOD, faculty, students and supporting staff. The Principal is the Academic and Administrative head, followed by Deans, department heads and unit heads on the hierarchy. As per government guidelines, various committees such as Grievance Redressal Committee, Internal Complaints Committee, Anti-Ragging Committee, SC/ST Committee and Women Empowerment Cell are in place. Besides, there are Institution level committees such as Research Committee, Exam Committee, Library Committee, Discipline Committee and Cultural Committee, functioning with operational powers. The Principal and the HODs are bestowed with some financial powers, to purchase any material urgently needed for academic purposes.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://mvjce.edu.in/about-us/aicte-statutory-committees/

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

The institute has a strategic plan which includes the following:

1. **Development of Institute Strategic Plan: Short term and Long term goals were developed for Academic plan, research plan, Finance plan, Infrastructure, faculty, etc.,**
2. **NIRF Committee to formulate strategic plan to improve NIRF ranking.**
3. **New Research Centres: To have modern lab facilities to carry out research activities and enhance skill development of students.**
4. **Organization of Project Expo; To inculcate creativity among students and enhance innovative projects.**

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://mvjce.edu.in/about-us/internal-quality-assurance-cell-iqac/
Upload any additional information	**No File Uploaded**

6.2.2 - The functioning of the various institutional bodies is effective and efficient as visible from the policies, administrative set-up, appointment and service rules, procedures, etc.

The Board of Governors of MVJCE which is comprised of very eminent people from Industry and Academia, meets once in three months and

interacts with faculty and students to understand the improvement areas, and provide the guidance necessary. The Academic Council monitors academic functions and approves the curriculum. The prime task of the IQAC is to develop a system for a conscious, consistent and catalytic improvement in the overall performance of the Institution. There are committees and clubs like DAC, BOS, BOE, Examination Committee, R&D, Budget Monitoring and Purchase Committee, Library Advisory Committee, Anti Ragging, TQM, Student Welfare, Grievance Redressal, Class Committee, Training and Placement, Professional Body, Sports Committee, Event Management, Technical Fest Committee, EDC, Idea Box, Innovation Cell, Tomorrow's Engineers Club, FSIPD, Departmental Technical Clubs, Theatre Club, Music Club, Dance Club, Literary Club and ICC, where students and faculty members are members. Meetings are conducted regularly to discuss and implement the decisions and actions suggested by IQAC. The Principal provides necessary advice for effective implementation. All the policies and roles and responsibilities are well-defined in-service rules, and the coordinators/section heads enjoy the freedom to effectively implement official orders, in the best interest of all the stakeholders.

File Description	Documents
Paste link to Organogram on the institution webpage	https://mvjce.edu.in/about-us/board-of-governors/
Upload any additional information	View File
Paste link for additional Information	https://mvjce.edu.in/about-us/aicte-statutory-committees/

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination	A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	**No File Uploaded**

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

The following are the welfare measures extended to the teaching and non-teaching staff of the College.

1. Support provided to staff to file Intellectual property (Patent, Design, etc.). Entire fee is borne by the Institution.
2. Support for Consultancy.
3. OODs provided to staff for attending FDPs, workshops, training programmes to enhance their skills.
4. Membership fee provided to faculty members to enrol in Professional bodies.
5. Study leave provided to faculty to pursue their Full time Ph D.
6. Seed Money: Faculty members are provided with seed money for research projects. For this, faculty shall submit a proposal explaining their work and outcomes. This may be subjected to the approval of a committee.
7. Conduct of Sports Tournaments for faculty members/non-teaching staff.
8. Sponsoring recreational tours/trips for staff members and their family members.
9. Medical leave of 7 days in a calendar year provided to staff members in case of hospitalization.
10. ESI provided to all non-teaching staff members.
11. Jobs on compassionate grounds provided to family members of non-teaching staff.
12. Maternity leave: Maternity leave of 6 months can be availed, and full pay will be given for 3 Months. Maternity leave is available to the regular female staff who have completed 3 years of continuous service for one time only.
13. Paternity leave of 3 days can be availed only once while in

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       service.
14. Uniforms have been provided to all non-teaching staff.
15. Interest free loan for non-teaching staff.
16. Availability of professional counsellors and Doctor in the
    campus.
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File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

6.3.2 - Number of teachers provided with financial support to attend conferences / workshops and towards payment of membership fee of professional bodies during the year

85

File Description	Documents
Upload any additional information	[View File](#)
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	[View File](#)

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

47

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	[View File](#)
Upload any additional information	[View File](#)

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

125

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The Institution conducts internal and external financial audits regularly. An Audit will be conducted at the end of each financial year. The auditors will visit the college at regular intervals and verify all financial transactions with the supporting documents and approval of proper authority for each financial transaction.

The financial transactions are accounted in Tally ERP by the college. The audit is conducted in accordance with the Auditing standards generally accepted in India. They plan and perform the procedures to obtain reasonable assurance about whether the financial statements are free from material misstatements. Auditor will examine on a test basis evidences, supporting for the amounts and disclosure in the financial statements. It also includes assessing the accounting principles used and management estimates and evaluation of overall financial statements presentation. All financial transactions are accounted and financial statements like Balance sheet and Income and Expenditure are also verified. Such financial statements will be signed and approved by the Auditor and Management. Based on the audited financial statements, the auditor will issue an Audit Report.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

10.01

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	No File Uploaded

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

For the institution the resources of funds are:

- Tuition fees collected from students and Fee collected for the other services like the registration fee for Workshops, Skill enhancement Programs, etc.,

- Grants from ISRO/AICTE/KSCST/IUCEE/IICHE/IETE/DRDO
- Fees collected from students will be kept as the fixed deposits in the college bank accounts. Part of the fixed deposits will mature for a period of 30 days or less and part of them will be for a long-term period like 1-2 year.ensure liquidity for operational expenses and Overdraft Facility from Banks

Mobilizations of funds: The short-term deposits will be used for the monthly salaries, campus and infrastructure maintenance, library book purchases, Faculty development and student skill development programmes, staff welfare, college promotional expenses etc. Long term deposits will be used for any infrastructure construction or development at the campus.

Fund's utilization strategies: All Departments propose their budget at the beginning of every financial year. According to the financial requirements of each department, the budget will be allocated annually. Periodic monitoring of the utilization of the funds allocated is done by the Budget and Purchase Committee to ensure optimal utilization of the resources according to the plan. Quarterly budgets are prepared to ensure that funds are utilized and to allot to the areas where it is deficient.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	**Nil**

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

The vibrant Internal Quality Assurance Cell (IQAC) of MVJCE was established in 2012 as per the norms of NAAC, with a vision to streamline the quality initiatives of the Institution. The Institution has a well-defined policy for quality assurance which is ensured by the effective participation from all stakeholders. The IQAC coordinator interacts with various functionaries for effective implementation of IQAC, and appraises the Chairperson of IQAC from time to time. IQAC meets periodicallyand records its deliberations, suggesting improvements if required, in any academic/administrative function.

Implementation of NEP 2020 in 2022 Curriculum: Curriculum has been designed based on NEP recommendations, Socital and indusrial requirements. Skill development courses, courses on innovation, critical thinking, multi-disciplinary courses have been introduced to make students industry ready incrementally compared to 2021 curriculum.

Organiation of Project Expo 2024: Project Expo has been organized on 27th April 2024 showcasing innovative projects of students. Projects on societal impacts are also displayed. All these projects are the outcomes of ability enhancemnt courses introduced in the curriculum.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://mvjce.edu.in/about-us/internal-quality-assurance-cell-iqac/

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

IQAC reviews the teaching-learning process, structures and methodologies of operations and learning outcomes, periodically.The Academic Calendar is prepared in advance,displayed in the Institution, and strictly followed. It is mandatory for every new student to attend the Orientation Programme, where they learn about the philosophy of the College, the uniqueness of the education system, the teaching-learning process, the system of continuous evaluation, compulsory core courses, the co-curricular activities, and above all, thediscipline and culture of the Institution. The students are also given a guided tour of the campus and the facilities available here.

Class Committees take student feedback regularly, and appropriate steps are taken to enhance the teaching-learning process. Feedback from students is also taken individually by teachers, by Proctors, and also directly through IQAC. Studentsare free to approach the Head of the Institution, too, for feedback and suggestions.

The teaching-learning processes are reviewed, and improvements are implemented, based on the IQAC recommendations. IQAC organizes regular academic audits to ensure effective implementation of teaching-learning and maintenance of course files. The following measures are carried out by IQAC:

- **Verifying internal test analysis, and question papers**
- **Arranging special classes for weak students.**
- **Identifying new processes/delivery methods and recommendingthese for improving quality Analyzing deviations from thebenchmarks and reporting these.**
- **Collecting feedback from the stakeholders (students, alumni,industry experts, research organizations and parents) andtaking corrective actions.**
- **Encouraging faculty to do online certification Courses(NPTEL, MOOCS etc.).**

- **Faculty Development and Skill Development TrainingProgrammes are organized frequently**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	[https://mvjce.edu.in/about-us/internal-quality-assurance-cell-iqac/](#)

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)	**A. Any 4 or all of the above**

File Description	Documents
Paste the web link of annual reports of the Institution	[https://mvjce.edu.in/about-us/internal-quality-assurance-cell-iqac/](#)
Upload e-copies of accreditations and certification	[View File](#)
Upload details of quality assurance initiatives of the institution	[View File](#)
Upload any additional information	[View File](#)

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

MVJ College of engineering is being taking certain specific initiatives to facilitate gender equity and their development and empowerment. Our Gender Positive Initiatives are:

1. Women Empowerment Cell:

Women Empowerment Cell aims to empower girl students and to ensure their safety in the college campus. The WEC works to promote gender sensitivity in the college and ensures various programmes are conducted to educate, sensitize both male and female members and produce harmonious atmosphere in the campus.

2. Internal Compliance committee:

The objective of the ICC is prevention, prohibition and redressal of sexual harassment of women employees and students in higher educational institutions. The committee is institutionalized to hear complaints and grievances in relation to incidents of sexual harassment and create awareness regarding the same by having an open dialogue with all students and female staffs.

3. Anti-Ragging Committee:

The Anti-Ragging Committee is constituted for the prevention and prohibition of Ragging inthe campus, Around 494 CCTVs are deployed across the campus, for round-the-clock vigilance and surveillance. Separate timings are earmarked for girls to utilize the gym facilities; there are separate elevators for girls and lady staff. There are separate Common Rooms for boys and girls, with indoor game facilities, magazines, and newspapers. There is an exclusive Common Room for faculty too, to create a stress-free environment for them. Many Gender Equality Promotion programmes are arranged in the MVJCE campus, from time to time.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://mvjce.edu.in/about-us/aicte-statutory-committees/

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment	B. Any 3 of the above

File Description	Documents
Geotagged Photographs	[View File](#)
Any other relevant information	[View File](#)

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

MVJCE adopts the best practices in the management and recycling of solid and liquid waste, e-waste and waste generated from hazardous chemicals.

1. Solid Waste management: All the waste from the college premises, canteen and hostel is collected and segregated into wet, dry and plastic waste. Biodegradable materials such as fruit peels, tea and coffee grains are converted into manure in compost pits. Non biodegradable materials such as paper and plastic are segregated and resold. Dry leaves collected from the campus are converted into compost by rapid composting unit.

2. Liquid Waste management: MVJCE utilizes Rainwater Harvesting technology to collect and store rainwater from clean surfaces. The wastewater from the entire campus is treated at our Sewage Treatment Plant. The treated water is then used in the toilet flush tanks, or to water the college garden. The drinking water in the campus is also analysed and checked for its potability, every week.

3. E-waste management: All e-waste is disposed to the Municipal Corporation. The printer cartridges are refilled outside the college campus. UPS Batteries are recharged /repaired/ exchanged with the suppliers. Waste compact discs and other computer parts are used by students in the Tinkering Lab.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	[View File](#)
Geotagged photographs of the facilities	[View File](#)
Any other relevant information	No File Uploaded

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting	A. Any 4 or all of the above

Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

File Description	Documents
Geotagged photographs / videos of the facilities	[View File](#)
Any other relevant information	[View File](#)

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

A. Any 4 or All of the above

File Description	Documents
Geotagged photos / videos of the facilities	[View File](#)
Various policy documents / decisions circulated for implementation	[View File](#)
Any other relevant documents	[View File](#)

7.1.6 - Quality audits on environment and energy undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

1. Green audit
2. Energy audit
3. Environment audit
4. Clean and green campus recognitions/awards
5. Beyond the campus environmental promotional activities

C. Any 2 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	**No File Uploaded**
Certification by the auditing agency	**No File Uploaded**
Certificates of the awards received	**No File Uploaded**
Any other relevant information	<u>View File</u>

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.	**A. Any 4 or all of the above**

File Description	Documents
Geotagged photographs / videos of facilities	<u>View File</u>
Policy documents and brochures on the support to be provided	<u>View File</u>
Details of the software procured for providing assistance	<u>View File</u>
Any other relevant information	<u>View File</u>

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words).

MVJCE actively participates in EBSB, organizing events like student exchanges, cultural festivals, and language learning programs. These activities help students appreciate India's rich diversity and foster unity and harmony. By embracing EBSB, MVJCE contribute to building a stronger, more cohesive nation.

MVJCEorganized impactful awareness programs in 2024, addressing critical social and health issues.

On March 7th, the NSS wing conducted a Cancer Awareness Program, featuring Dr. Sunil Kumar from the Kidwai Institute of Oncology. Over 300 participants learned about cancer prevention, early detection, advanced treatments, and support systems. The program included an informative presentation and an interactive session, fostering a deeper understanding of cancer-related issues.

On June 21st, the college hosted a Drug Awareness Program, attended by around 800 students and faculty members. Assistant Commissioner of Police Smt. Reena Suvarna and Police Inspector Sri H. M. Rangaswamy highlighted the dangers of drug abuse, its signs, consequences, and the importance of community vigilance in combating addiction.

The NRI Karnataka Awareness Program on March 18th connected over 350 participants with Karnataka's heritage and development opportunities. It encouraged NRI investments, cultural promotion, and support for education in underserved areas.

These initiatives underscore MVJCE'scommitment in providing an inclusive environment.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

The NSS and NCC units of MVJ College of Engineering (MVJCE) organized two impactful events showcasing their commitment to community service and social responsibility.

Blood Donation Camp - 2024 Held on Founder's Day, May 16, 2024, in collaboration with MVJ Medical College, this camp took place at the Smt. Rajalakshmi Jayaraman Seminar Hall. Guided by key faculty, over 20 volunteers ensured the event's success. The initiative emphasized the importance of blood donation, engaging students, staff, and faculty to contribute to healthcare needs.

Cleanliness Drive: Swachhata Hi Sewa (SHS) 2023 On October 1, 2023, the NSS and NCC teams, alongside hostel students, conducted a cleanliness drive from Hopefarm to Chennasandra Main Road. The event honored Mahatma Gandhi's birth anniversary and focused on removing single-use plastics and promoting hygiene.

These events highlighted MVJCE's dedication to societal well-being, inspiring youth to engage in meaningful actions that foster a positive community impact and make them responsible citizens.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	[View File](#)
Any other relevant information	**No File Uploaded**

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized	**A. All of the above**

File Description	Documents
Code of Ethics - policy document	[View File](#)
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	[View File](#)
Any other relevant information	**No File Uploaded**

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

MVJ College of Engineeringdemonstrated its commitment to societal well-being, patriotism, and holistic development through a series of impactful events in 2024.

World Environment Day (June 5 & 6, 2024) featured plantation drives that encouraged the community to plant native saplings, promoting awareness about biodiversity conservation and aligning with the theme "Beat Plastic Pollution."

Science Day (February 28, 2024) celebrated the theme "Indigenous Technologies for Viksit Bharat." Eminent speaker Shri V. Krishna Prasad inspired participants with insights into indigenization in combat aircraft systems, emphasizing innovation and engineering excellence.

Republic Day (January 26, 2024) honored the nation with flag hoisting, cultural performances, and a pipping ceremony recognizing NCC cadets' achievements. The event fostered national pride among 400 attendees.

Kargil Vijay Diwas (July 26, 2024) paid tribute to the martyrs of the Kargil War with poster presentations, a documentary screening, essay competitions, and a commemorative ceremony, instilling patriotism and respect for the armed forces.

Blood Donation Camp (May 16, 2024) saw 80 units of blood collected from 180 registrants, emphasizing healthcare contributions.

International Yoga Day (June 21, 2024) promoted physical and mental wellness among 120 participants through guided yoga sessions.

These events underscore MVJCE's dedication to celebrate and organizenational and international commemorative days, events and festivals

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices
7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

1.Data Sharing and Accessibility using DELNET

OBJECTIVES:

- Enhancing collaboration among libraries to optimize resource utilization.
- Improving access to a wider array of information for users across various institutions.

THE CONTEXT

DELNET plays a crucial role by connecting libraries across India, enabling resource and database sharing among researchers, students, and academics.

THE PRACTICE

The practice includes creating union catalogues and databases for inter-library loans and document delivery.

EVIDENCE OF SUCCESS

Received the DELNET Best Practices Award for Data Sharing and Accessibility in 2023-2024

PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED

Limited space for collections poses challenges. Investing in technology and staff training are essential for optimizing resources.

2. Industry oriented Curriculum Design

Objectives of Practice

To make students industry ready by offering skill-oriented courses, multi-disciplinary courses.

The Context

Students shall get more practical exposure and learn how to solve

industry problems while studying.

Practice

Skill development courses and Value-added courses have been introduced. Industry experts have been invited to deliver lectures/hands on sessions.

Evidence of Success

Students were offered internships by companies and based on their performance during the internship, students were given jobs. Students were able to propose innovative solutions to many of the practical challenges or societal problems.

Problems Encountered and Resources Required

Challenges encountered are extra time/efforts are needed to offer value added courses, skill development courses.

For successful implementation, we ensure that industry experts are invited to train students in the emerging areas /latest technologies.

File Description	Documents
Best practices in the Institutional website	https://mvjce.edu.in/about-us/internal-quality-assurance-cell-iqac/
Any other relevant information	https://mvjce.edu.in/programmes/electronics-and-communication-engineering/curriculum/

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Offering Ability Enhancement Courses at 3 Levels through 11 verticals: These courses are introduced to expose the students to more industry related activities, and prepare them to be Industry Ready by the time they move out of the college. While introducing such specific activities, the sole objective has been to equip the students to face the demands of the industry. Courses are carefully crafted and implemented to expose the students to the

practical aspects of Engineering, to nurture innovation, instil critical thinking and encourage hands-on training. Courses are

1. Idea Box – Innovation 2. Tomorrow's Engineers – Engineering Solution to Societal Problems 3. Tinkering Lab – Experiment and Conceptualize 4. UAV – Develop Drones 5. Astronomy – Explore the space 6. Robotics and Industrial Automation Lab – Design Robots 7. IoT – Connecting the world 8. FSIPD –Ideas to Product 9. Software Development - Code your ideas 10. LabVIEW – Graphical Programming 11. CNC Programming – Advanced Manufacturing

Three levels are designed and students can select any one course and progress in the same. It helps to inculcate creative and innovative thinking in students, and also to give them an opportunity to design and develop meaningful projects that provide solutions to some of the societal / industrial problems.

File Description	Documents
Appropriate link in the institutional website	https://mvjce.edu.in/about-us/innovative-projects/
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

- New Research Labs in the emerging areas of Research.
- Increasing visibility of the College
- Organize ATAL sponsored Faculty Development Programmes in emerging areas.
- Encourage quality publications from faculty and scholars in order to improve the h-index of the individual faculty and college.
- Increase the number of citations per faculty of the college.
- Increase the number of industry consultancy projects carried out by the faculty and students.
- Organize awareness workshops for IPR and Patent filing.
- Improve all the parameters of NIRF to enter NIRF band.
- Encourage faculty to submit project proposals to various funding agencies.
- Increase the number of industry collaborative projects.
- Organise various workshops to enhance the knowledge and update the faculty on recent trends in engineering and science.