

RAMGARH ENGINEERING COLLEGE

(Estd. by Govt. of Jharkhand & Run by Techno India under PPP)

Campus address: Murubanda, PO: Barkipona, PS: Rajrappa , Dist: Ramgarh, Jharkhand, PIN-825101

Email: gec.ramgarh@gmail.com, Website: <http://.ramgarhengg.edu.in/>

VISION

To emerge as an institute of excellence in the field of Engineering and Technology based on quality education and research activities leading to produce competent, responsible engineers and overall a good human being who will be innovators and entrepreneurs to serve the industry, society and our nation at large.

MISSION

- Imparting quality teaching and learning process throughout the curriculum.
- Fostering Industry Institute Interaction for quality teaching, training, research, project management and consultancy.
- Ensuring value based education focused on environmentally sustainable society.
- Promoting exchange of thoughts on technological research, innovation and entrepreneurship for the benefit of the society.

Explanation of Mission Statement:

Mission 1: Imparting quality teaching and learning process throughout the curriculum.

Activities:

- a. Highly qualified faculty members
 - b. All trained in several IITs, IIMs
 - c. PDT/ FDP
 - d. mentoring of BVB CET.
 - e. guest teaching
 - f. Use of innovative teaching learning methods like Google class, moodle, seminars etc.
- PO attainments need to show.

Mission 2. Fostering Industry Institute Interaction for quality teaching, training, research, project management and consultancy.

Activities:

- a. Discussion with Industry personals for academic curriculum. We have done two Industry Institute interactions.(Encl. IIC reports)
- b. Industrial training and tours (Encl. record of industrial tour)
- c. Research activities of faculty members and quality projects.
- d. consultancy earning by the college consultancy for example. chemistry consultancy have done consultancy works and earned (Encl. record of consultancy)

Mission 3. Ensuring value based education focused on environmentally sustainable society.

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Activities

Participation

In the process of teaching and learning, where students are involved actively, they express their opinions and take part in the decision-making, individually and collectively, in the process.

eg. We decided that 10-20% syllabus will be taught by students (self learning/ group learning).

Our students also enrolled in several courses other than syllabus, modern trends or exposure to new technology through NPTEL-SWAYAM courses.

Encl. List of students (NPTEL)

Involvement of the student body

It arises from students' needs and concerns, aiming to connect with their interest.

Eg. i. Students run their own mess.

ii. Students organizing technical fest

iii. Students organizing sports events

Social learning

It uses learning in groups and cooperating teams. eg. group assignments

Real issues

It practices relations with the real world (through real experiences, hands-on learning, outdoors, etc.).

Interdisciplinary perspective

Issues are dealt from different inter-connected disciplines.

Eg. start ups, projects etc (Encl. Start ups)

Complexity

It is based on the culture of complexity, that is, students tackle their own understanding of problems/complex situations and look for relationships, interactions, different points of view and consider possible actions.

eg. start ups.

Critical thinking and Actions

It encourages critical analysis through different perspectives, reflecting on conflicts of interest.

This approach can range from the critical handling of information to the analysis of the complexity of situations and be aware of their role in society. They deal explicitly with the study of possible actions/solutions targeted at effecting real change regarding the environment, the analysis of student lifestyles, behaviour, decision-making and actions.

eg. start ups.

Community

It involves the community, different members of the educational community (not just the students), or even groups outside the educational community, and uses an approach based on social change

eg. Working with students in different committees. (Encl. List of student committee)

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Mission 4: Promoting exchange of thoughts on technological research, innovation and entrepreneurship for the benefit of the society.

Activities

Eg. Attending FDP, Guest Lecture, Entrepreneurship activities.

Encl. FDP list, our Faculty delivering lectures in BVB, Collaborative research, list of entrepreneurs etc.

Institutional Goal – Short term & Long term goals

Ramgarh Engineering College has set-up its own mission and vision, accordingly the Institute has defined its goals in synchronization with the Institute mission-vision. Institutional goal were set up in the mid of 2018 and were categorized in two parts: Short term goal and Long term goal. Starting from mid of 2018 to mid of 2021 has been devoted towards achievement of Short term goals, were as target year for Long term goal has been fixed as mid of 2023. Goals have been set upon four parameters which are as:

1. Quality Education
2. Research Activity
3. Value & Ethics
4. Innovation & Entrepreneurship

Short Term Goal (within 3 years):

1. In order to attain quality education Faculty development training and Professional development training has been provided to each and all faculty members. Outcome based education has been implemented at the Institute level.
2. Research lab has been established in the Institute and all faculties were advised to publish research papers. Quality of student projects was discussed and progressively the improvements have been noticed.

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3. NSS Activities, Technical and Cultural festivals are organized to instill the values & ethics within the students so that they can contribute to their surroundings with lots of emotions and honesty.

4. Formation of start-up cell, entrepreneurship cell and some seminars are organized for the students as well as for the faculty members to motivate them to be a job provider rather than a mere job seeker. 3-4 start-ups are expected till the end of 2020.

Long Term Goals (within a span of 5 years):

1. To have quality education autonomy of the Institute is required which would in turn allow the Institute to implement outcome based education in a proper way. Also faculty exchange program with good Institutes will help our faculties gain more experience and will help in attaining OBE.

2. Students are encouraged to work on live projects and publish research papers in peer reviewed journals. Departments are advised to take up consultancy works with the help of laboratories available and generate funds for the Institute as well as Department level.

3. Each Department are advised to have at least one start-up and that must be functional in order to give emphasis to innovation and entrepreneurship.