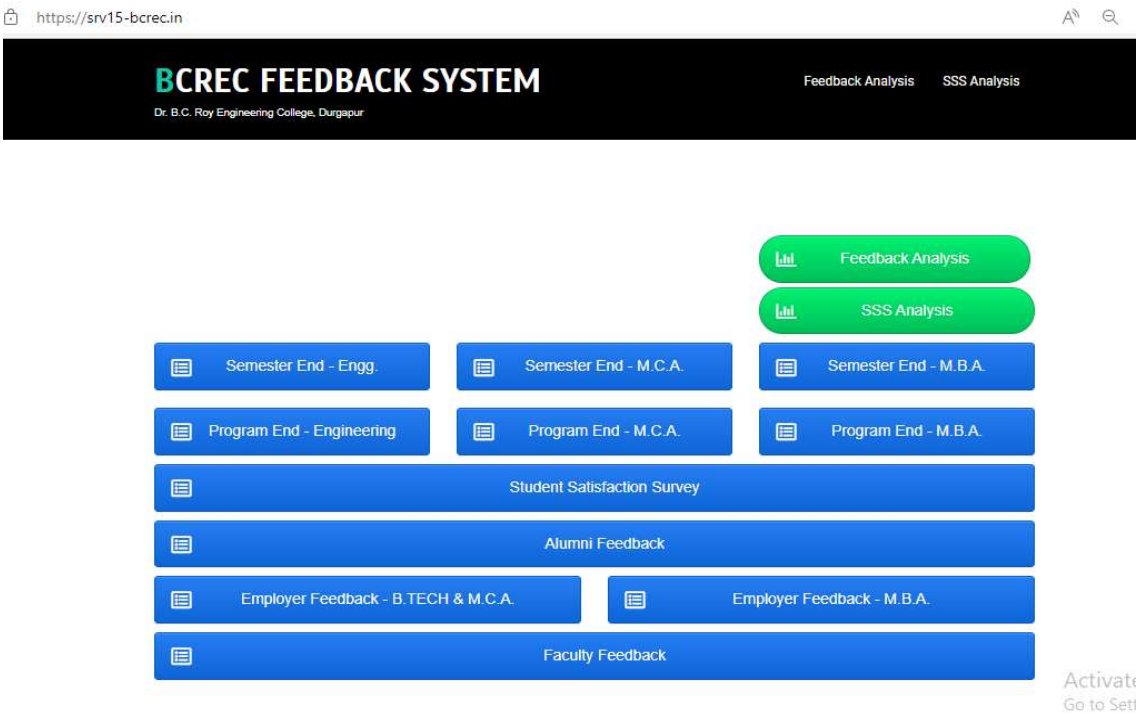
DR. B.C ROY ENGINEERING COLLEGE

FEEDBACK COLLECTION SYSTEM

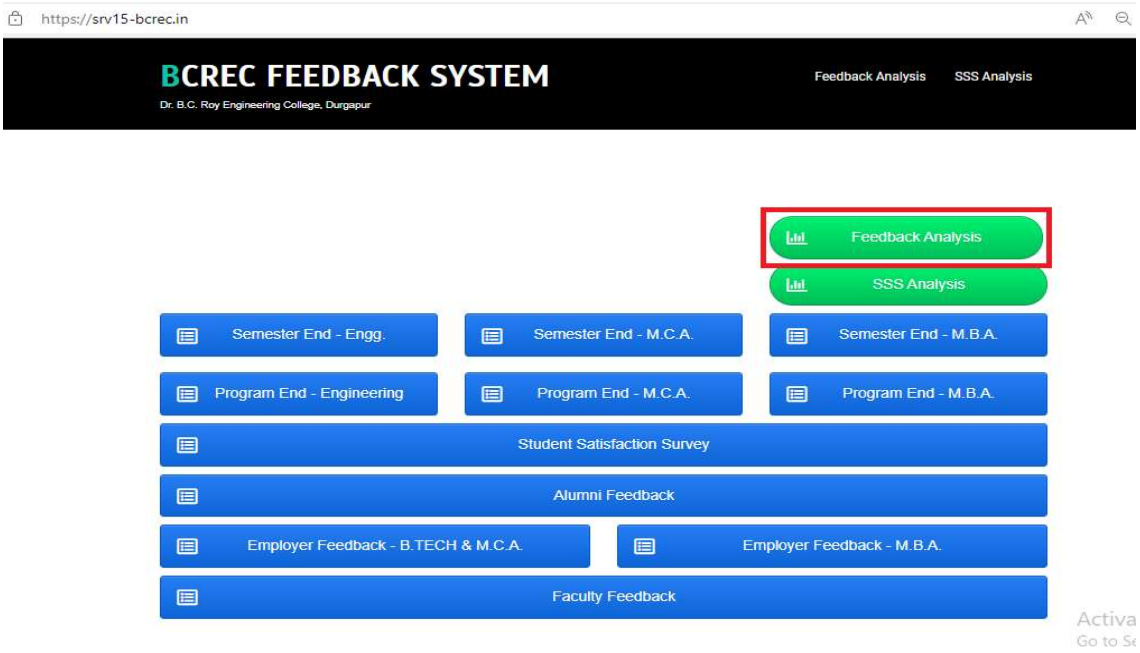
Feedback Collection is available in the website:

https://bcrec.ac.in

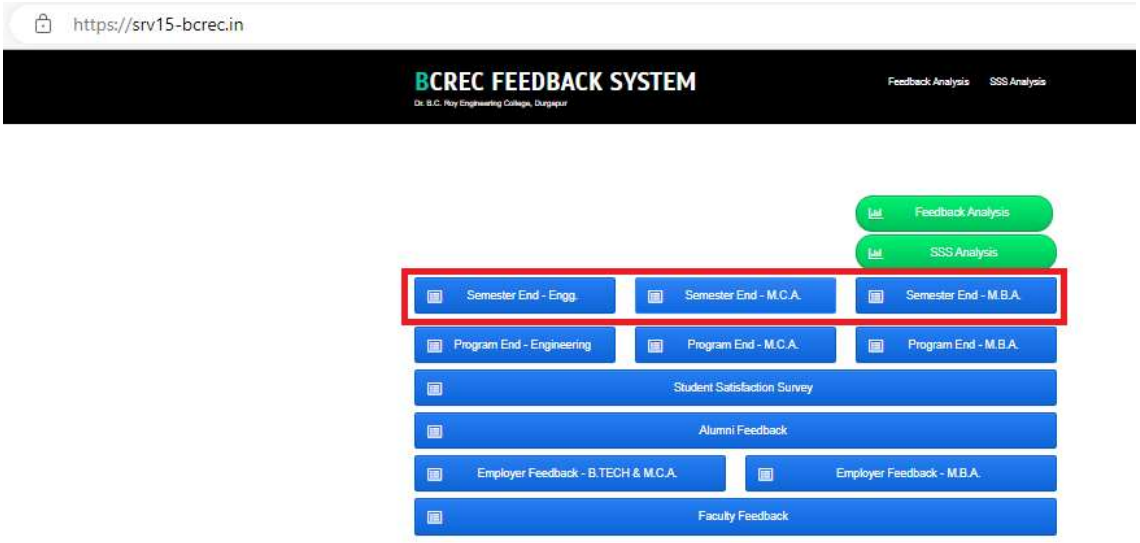
Feedback Collection is available for: Student, Faculty, Alumni and Employer



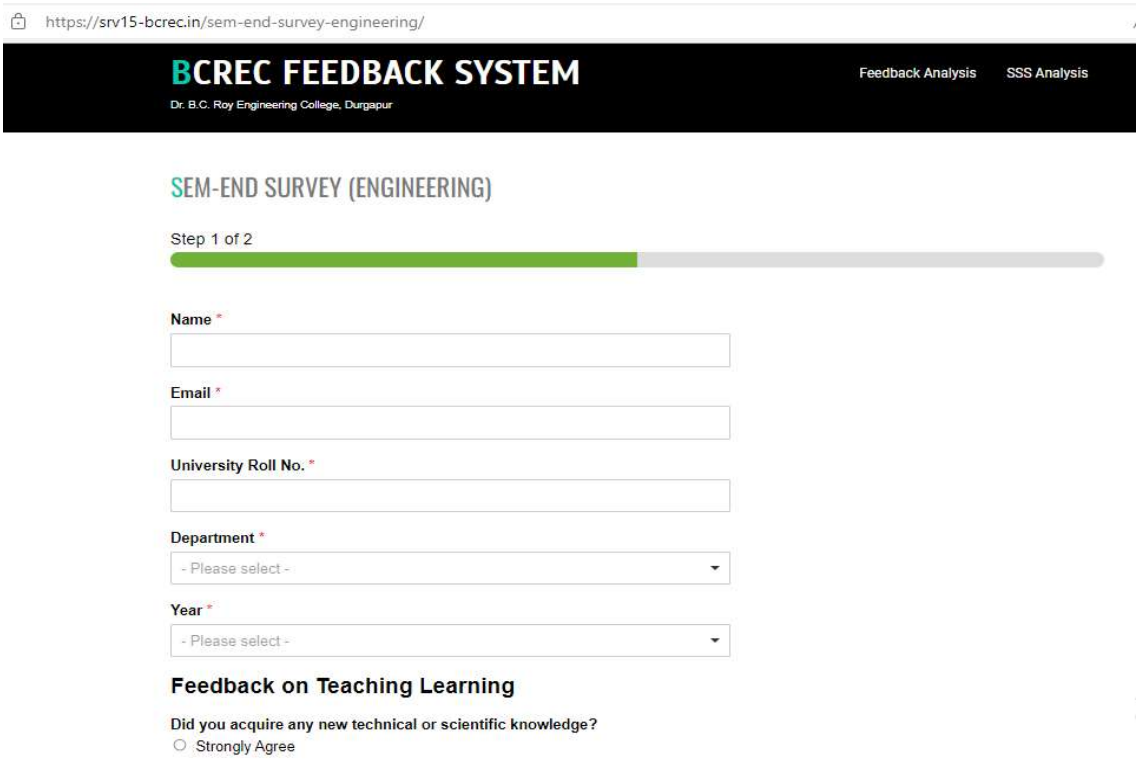
ANALYSIS OF FEEDBACK IS AVAIBLE THROUGH THE BUTTON PROVIDED IN THE FEEDBACK PAGE



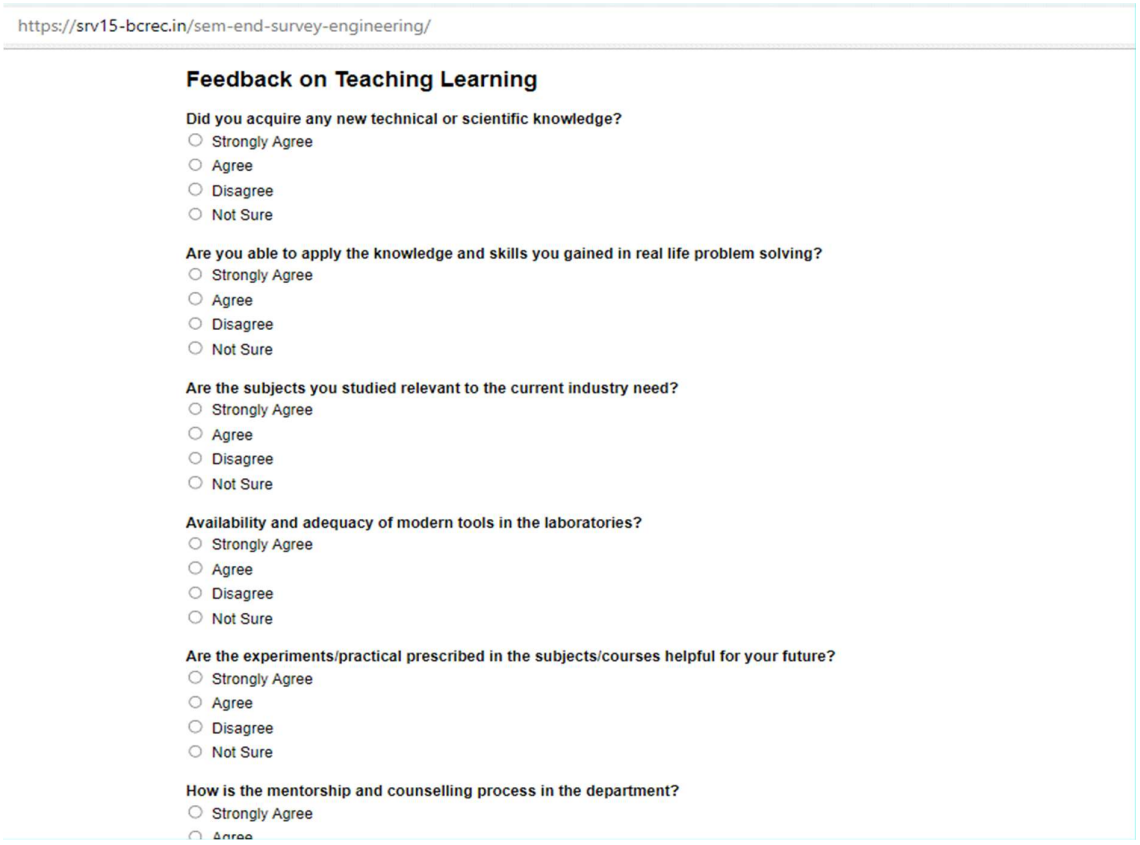
SEMESTER END STUDENT FEEDBACK COLLECTION FOR ENGINEERING, MCA and MBA SEPERATELY



FEEDBACK FORM SEMESTER END STUDENT (ENGINEERING)



FEEDBACK FORM SEMESTER END STUDENT (ENGINEERING) contd...



https://srv15-bcrec.in/sem-end-survey-engineering/

How is the mentorship and counselling process in the department?
- ○ Strongly Agree
- ○ Agree
- ○ Disagree
- ○ Not Sure

How is the overall learning environment?
- ○ Strongly Agree
- ○ Agree
- ○ Disagree
- ○ Not Sure

Did you improve your communication skill?
- ○ Strongly Agree
- ○ Agree
- ○ Disagree
- ○ Not Sure

Are the teachers able to demonstrate the required knowledge and skills?
- ○ Strongly Agree
- ○ Agree
- ○ Disagree
- ○ Not Sure

Is the pedagogy used by the teachers effective and interesting?
- ○ Strongly Agree
- ○ Agree
- ○ Disagree
- ○ Not Sure

Are the opportunities provided for cocurricular and extracurricular activities?
- ○ Strongly Agree
- ○ Agree
- ○ Disagree

https://srv15-bcrec.in/sem-end-survey-engineering/

Is the pedagogy used by the teachers effective and interesting?
- ○ Strongly Agree
- ○ Agree
- ○ Disagree
- ○ Not Sure

Are the opportunities provided for cocurricular and extracurricular activities?
- ○ Strongly Agree
- ○ Agree
- ○ Disagree
- ○ Not Sure

Are events (workshop/seminar/webinar etc.) conducted for the holistic development of the students and to bridge industry-academia gap?
- ○ Strongly Agree
- ○ Agree
- ○ Disagree
- ○ Not Sure

Any other comments!!

Next

https://srv15-bcrec.in/sem-end-survey-engineering/

BCREC FEEDBACK SYSTEM

Dr. B.C. Roy Engineering College, Durgapur

Feedback Analysis SSS Analysis

SEM-END SURVEY (ENGINEERING)

Step 2 of 2

Feedback on Facilities Available

Class room facility *
- Excellent
- Very Good
- Good
- Poor

Laboratory facility *
- Excellent
- Very Good
- Good
- Poor

Library facility *
- Excellent
- Very Good
- Good
- Poor

Hostel facility (if applicable)
- Excellent
- Very Good

Act
Go t

https://srv15-bcrec.in/sem-end-survey-engineering/

- Very Good
- Good
- Poor

Sports facility *
- Excellent
- Very Good
- Good
- Poor

Water facility *
- Excellent
- Very Good
- Good
- Poor

Cleanliness and Hygiene *
- Excellent
- Very Good
- Good
- Poor

Canteen facility *
- Excellent
- Very Good
- Good
- Poor

Internet facility *
- Excellent
- Very Good
- Good
- Poor

Captcha *

10 * 7 =

Submit

SEMESTER END STUDENT FEEDBACK FILLED-UP FORM SAMPLES

Dr. B.C.Roy Engineering College, Durgapur
Dedicated to 'Quality Education'
Affiliated to MAKAUT | Approved by AICTE | NBA Accredited* | NAAC | NIRF Ranked

SEMESTER END SURVEY – ENGINEERING
(ACADEMIC YEAR 2023-24)

Sem-End Survey (Engineering) - Entry #27580

Name	[redacted]
Email	[redacted]
University Roll No.	[redacted]
Department	ECE
Year	FINAL
Academic Year	2023-24
Semester	EVEN
Did you acquire any new technical or scientific knowledge?	Agree
Are you able to apply the knowledge and skills you gained in real life problem solving?	Agree
Are the subjects you studied relevant to the current industry need?	Agree
Availability and adequacy of modern tools in the laboratories?	Not Sure
Are the experiments/practical prescribed in the subjects/courses helpful for your future?	Agree
How is the mentorship and counselling process in the department?	Agree
How is the overall learning environment?	Agree
Did you improve your communication skill?	Agree
Are the teachers able to demonstrate the required knowledge and skills?	Agree
Is the pedagogy used by the teachers effective and interesting?	Agree
Are the opportunities provided for cocurricular and extracurricular activities?	Not Sure
Are events (workshop/seminar/webinar etc.) conducted for the holistic development of the students and to bridge industry-academia gap?	Agree
Class room facility	Good
Laboratory facility	Very Good
Library facility	Very Good

SEMESTER END SURVEY – ENGINEERING
(ACADEMIC YEAR 2023-24)

Sports facility	Good
Water facility	Very Good
Cleanliness and Hygiene	Very Good
Canteen facility	Very Good
Internet facility	Good

BCREC Feedback System

This is a system generated statement and does not require signature.

Dr. B.C.Roy Engineering College, Durgapur

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SEMESTER END SURVEY – ENGINEERING
(ACADEMIC YEAR 2023-24)

Sem-End Survey (Engineering) - Entry #25496

Name	[redacted]
Email	[redacted]
University Roll No.	[redacted]
Department	AIML
Year	SECOND
Academic Year	2023-24
Semester	EVEN
Did you acquire any new technical or scientific knowledge?	Disagree
Are you able to apply the knowledge and skills you gained in real life problem solving?	Disagree
Are the subjects you studied relevant to the current industry need?	Disagree
Availability and adequacy of modern tools in the laboratories?	Disagree
Are the experiments/practical prescribed in the subjects/courses helpful for your future?	Not Sure
How is the mentorship and counselling process in the department?	Agree
How is the overall learning environment?	Disagree
Did you improve your communication skill?	Disagree
Are the teachers able to demonstrate the required knowledge and skills?	Disagree
Is the pedagogy used by the teachers effective and interesting?	Disagree
Are the opportunities provided for cocurricular and extracurricular activities?	Disagree
Are events (workshop/seminar/webinar etc.) conducted for the holistic development of the students and to bridge industry-academia gap?	Disagree
Class room facility	Good
Laboratory facility	Poor
Library facility	Good

Dr. B.C.Roy Engineering College, Durgapur

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SEMESTER END SURVEY – ENGINEERING
(ACADEMIC YEAR 2023-24)

Hostel facility (if applicable)	Poor
Sports facility	Good
Water facility	Good
Cleanliness and Hygiene	Good
Canteen facility	Poor
Internet facility	Poor

BCREC Feedback System

This is a system generated statement and does not require signature.

SEMESTER END STUDENT FEEDBACK ANALYSIS SAMPLE

Dr. B.C.Roy Engineering College, Durgapur
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Semester End Feedback

Academic Year: 2023-24

ELECTRICAL ENGINEERING

(fourth Year)

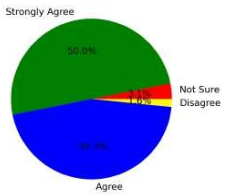
Even Semester

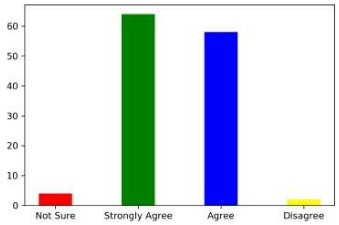
Feedback on Academics

Total No. of Students participated in the survey: 128

1. Did you acquire any new technical or scientific knowledge?

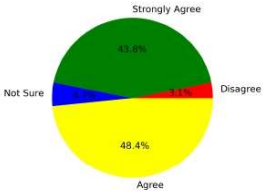
Strongly Agree [4] =50.0% Agree [3] =45.31% Disagree [2] =1.56% Not sure [1] =3.12%

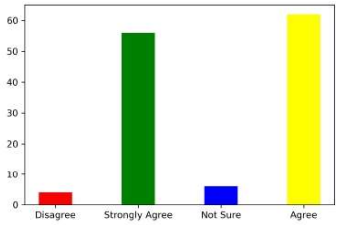




2. Are you able to apply the knowledge and skills you gained in real life problem solving?

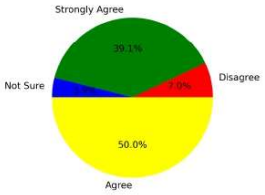
Strongly Agree [4] =43.75% Agree [3] =48.44% Disagree [2] =3.12% Not sure [1] =4.69%

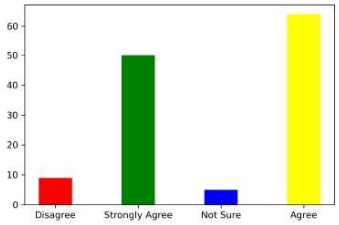




3. Are the subjects you studied relevant to the current industry need?

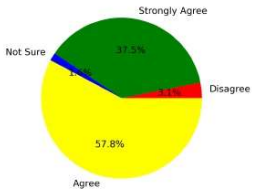
Strongly Agree [4] =39.06% Agree [3] =50.0% Disagree [2] =7.03% Not sure [1] =3.91%

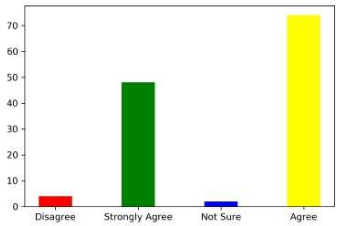




4. Availability and adequacy of modern tools in the laboratories?

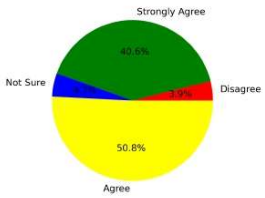
Strongly Agree [4] =37.5% Agree [3] =57.81% Disagree [2] =3.12% Not sure [1] =1.56%

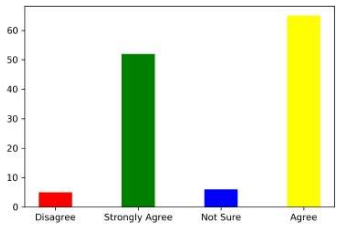




5. Are the experiments/practical prescribed in the subjects/courses helpful for your future?

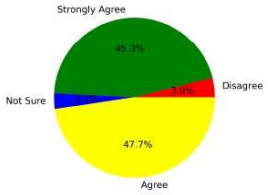
Strongly Agree [4] =40.62% Agree [3] =50.78% Disagree [2] =3.91% Not sure [1] =4.69%

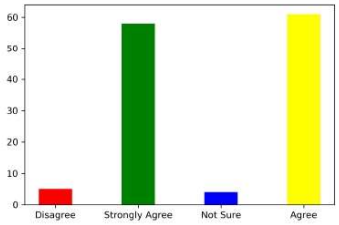




6. How is the mentorship and counselling process in the department?

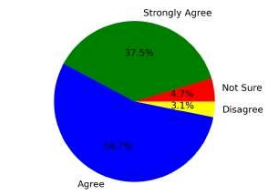
Strongly Agree [4] =45.31% Agree [3] =47.66% Disagree [2] =3.91% Not sure [1] =3.12%

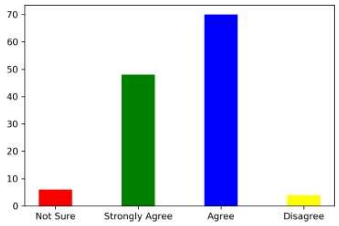




7. How is the overall learning environment?

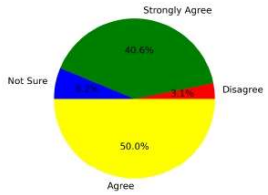
Strongly Agree [4] =37.5% Agree [3] =54.69% Disagree [2] =3.12% Not sure [1] =4.69%

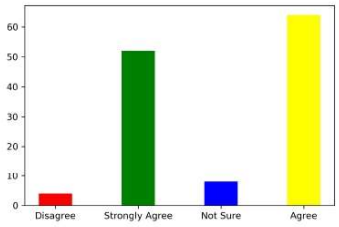




8. Did you improve your communication skill?

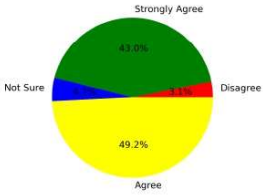
Strongly Agree [4] =40.62% Agree [3] =50.0% Disagree [2] =3.12% Not sure [1] =6.25%

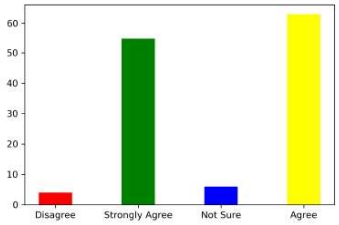




9. Are the teachers able to demonstrate the required knowledge and skills?

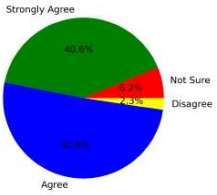
Strongly Agree [4] =42.97% Agree [3] =49.22% Disagree [2] =3.12% Not sure [1] =4.69%

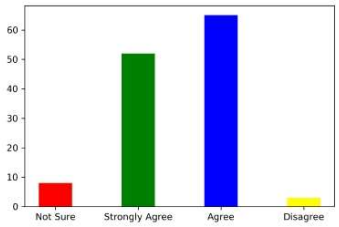




10. Is the pedagogy used by the teachers effective and interesting?

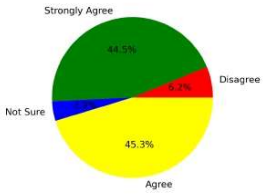
Strongly Agree [4] =40.62% Agree [3] =50.78% Disagree [2] =2.34% Not sure [1] =6.25%

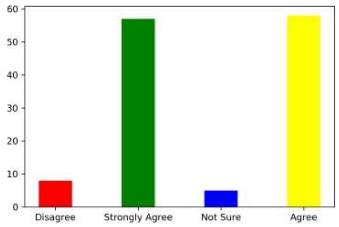




11. Are the opportunities provided for cocurricular and extracurricular activities?

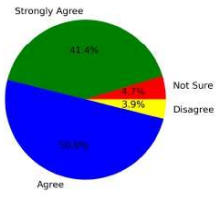
Strongly Agree [4] =44.53% Agree [3] =45.31% Disagree [2] =6.25% Not sure [1] =3.91%

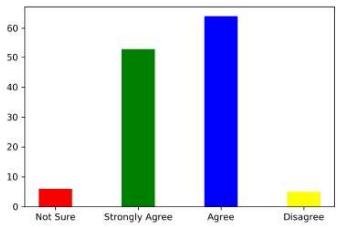




12. Are events (workshop/seminar/webinar etc.) conducted for the holistic development of the students and to bridge industry-academia gap?

Strongly Agree [4] =41.41% Agree [3] =50.0% Disagree [2] =3.91% Not sure [1] =4.69%





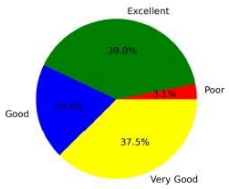
Summary

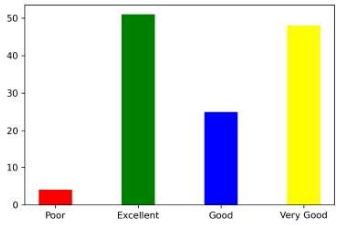
Strongly Agree: 41.99%
Agree: 50.0%
Disagree: 3.71%
Not Sure: 4.3%

Feedback on Facilities

1. Laboratory facility

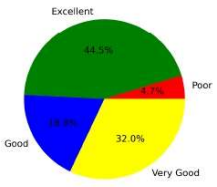
Excellent [4] =39.84% Very Good [3] =37.5% Good [2] =19.53% Poor [1] =3.12%

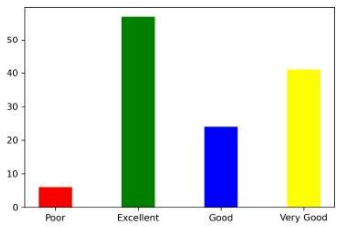




2. Library facility

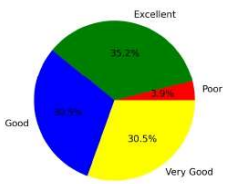
Excellent [4] =44.53% Very Good [3] =32.03% Good [2] =18.75% Poor [1] =4.69%

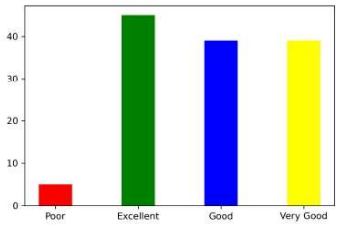




3. Hostel facility (if applicable)

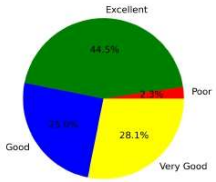
Excellent [4] =35.16% Very Good [3] =30.47% Good [2] =30.47% Poor [1] =3.91%

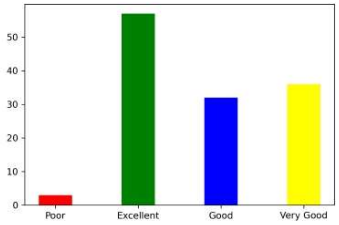




4. Sports facility

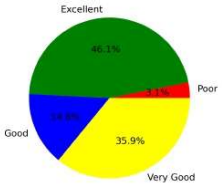
Excellent [4] =44.53% Very Good [3] =28.12% Good [2] =25.0% Poor [1] =2.34%

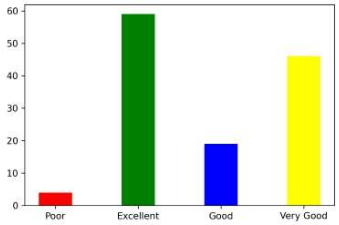




5. Water facility

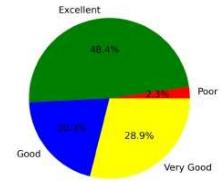
Excellent [4] =46.09% Very Good [3] =35.94% Good [2] =14.84% Poor [1] =3.12%

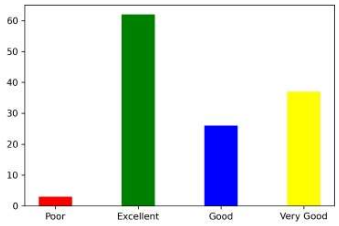




6. Cleanliness and Hygiene

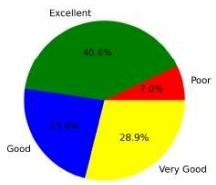
Excellent [4] =48.44% Very Good [3] =28.91% Good [2] =20.31% Poor [1] =2.34%

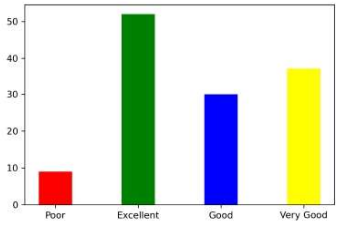




7. Canteen facility

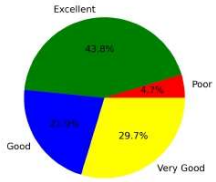
Excellent [4] =40.62% Very Good [3] =28.91% Good [2] =23.44% Poor [1] =7.03%

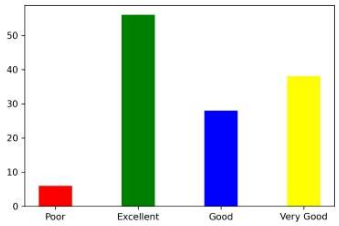




8. Internet facility

Excellent [4] =43.75% Very Good [3] =29.69% Good [2] =21.88% Poor [1] =4.69%





Summary

Excellent: 42.87%
Very Good: 31.45%
Good: 21.78%
Poor: 3.91%

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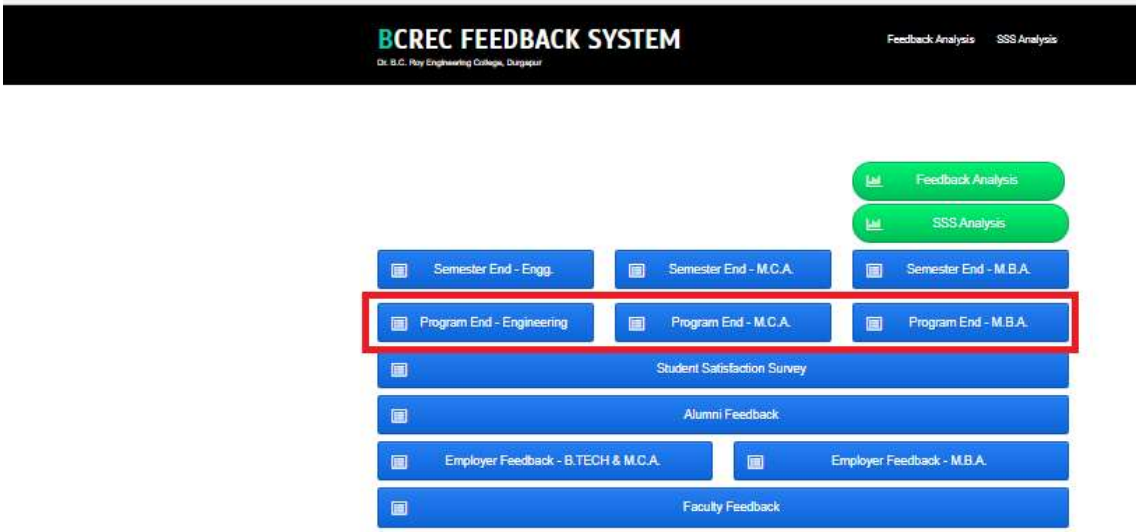
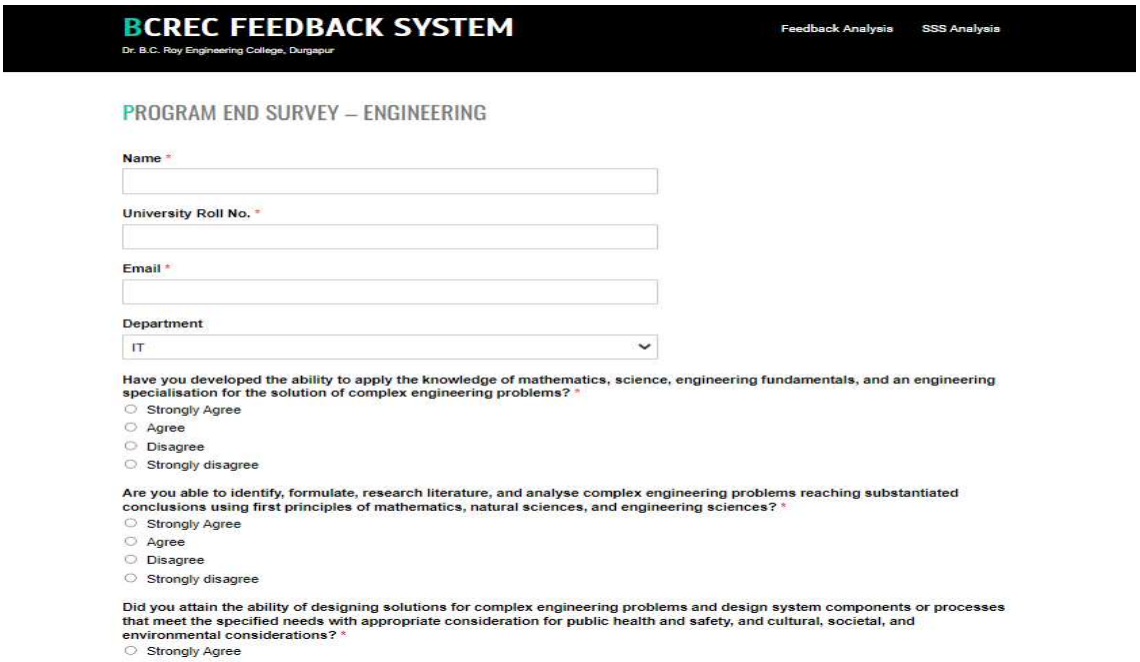
PROGRAM END STUDENT FEEDBACK COLLECTION FOR ENGINEERING, MCA and MBA SEPERATELY

https://srv15-bcrec.in



FEEDBACK FORM PROGRAM END STUDENT (ENGINEERING)



- ○ Agree
- ○ Disagree
- ○ Strongly disagree

Are you able to apply research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions? *

- ○ Strongly Agree
- ○ Agree
- ○ Disagree
- ○ Strongly disagree

Have you developed the ability to create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations? *

- ○ Strongly Agree
- ○ Agree
- ○ Disagree
- ○ Strongly disagree

Can you apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues and the consequent responsibilities relevant to the professional engineering practice? *

- ○ Strongly Agree
- ○ Agree
- ○ Disagree
- ○ Strongly disagree

Are you able to understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and the need for sustainable development? *

- ○ Strongly Agree
- ○ Agree
- ○ Disagree
- ○ Strongly disagree

Do you apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice? *

- ○ Strongly Agree
- ○ Agree
- ○ Disagree
- ○ Strongly disagree

Are you able to function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings? *

Do you apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice? *

- ○ Strongly Agree
- ○ Agree
- ○ Disagree
- ○ Strongly disagree

Are you able to function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings? *

- ○ Strongly Agree
- ○ Agree
- ○ Disagree
- ○ Strongly disagree

Can you communicate effectively on complex engineering activities with the engineering community and with the society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions? *

- ○ Strongly Agree
- ○ Agree
- ○ Disagree
- ○ Strongly disagree

Are you able to Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's work, as a member and leader in a team, to manage projects and in multidisciplinary environments? *

- ○ Strongly Agree
- ○ Agree
- ○ Disagree
- ○ Strongly disagree

Will you be able to recognise the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change? *

- ○ Strongly Agree
- ○ Agree
- ○ Disagree
- ○ Strongly disagree

Captcha *

15 + 5 =

Submit

PROGRAM END STUDENT FEEDBACK FILLED-UP FORM SAMPLES

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PROGRAM END SURVEY – ENGINEERING
(ACADEMIC YEAR 2023-24)

EXIT SURVEY (B.TECH) - Entry #27581

Name	[redacted]
University Roll No.	[redacted]
Email	[redacted]
Department	ECE
Academic Year	2023-24
Have you developed the ability to apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialisation for the solution of complex engineering problems?	Strongly Agree
Are you able to identify, formulate, research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences?	Agree
Did you attain the ability of designing solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for public health and safety, and cultural, societal, and environmental considerations?	Agree
Are you able to apply research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions?	Disagree
Have you developed the ability to create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations?	Agree
Can you apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues and the consequent responsibilities relevant to the professional engineering practice?	Agree
Are you able to understand the impact of the professional engineering solutions in societal	Agree

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PROGRAM END SURVEY – ENGINEERING
(ACADEMIC YEAR 2023-24)

and environmental contexts, and demonstrate the knowledge of, and the need for sustainable development?	
Do you apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice?	Agree
Are you able to function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings?	Agree
Can you communicate effectively on complex engineering activities with the engineering community and with the society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions?	Disagree
Are you able to Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's work, as a member and leader in a team, to manage projects and in multidisciplinary environments?	Agree
Will you be able to recognise the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change?	Agree

BCREC Feedback System

DR. B. C. ROY ENGINEERING COLLEGE * Durgapur

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Dr. B.C.Roy Engineering College, Durgapur

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PROGRAM END SURVEY – ENGINEERING
(ACADEMIC YEAR 2023-24)

EXIT SURVEY (B.TECH) - Entry #27576

Name	[redacted]
University Roll No.	[redacted]
Email	[redacted]
Department	ECE
Academic Year	2023-24
Have you developed the ability to apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialisation for the solution of complex engineering problems?	Agree
Are you able to identify, formulate, research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences?	Agree
Did you attain the ability of designing solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for public health and safety, and cultural, societal, and environmental considerations?	Agree
Are you able to apply research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions?	Agree
Have you developed the ability to create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations?	Agree
Can you apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues and the consequent responsibilities relevant to the professional engineering practice?	Agree
Are you able to understand the impact of the professional engineering solutions in societal	Agree

Dr. B.C.Roy Engineering College, Durgapur

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PROGRAM END SURVEY – ENGINEERING
(ACADEMIC YEAR 2023-24)

and environmental contexts, and demonstrate the knowledge of, and the need for sustainable development?	
Do you apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice?	Agree
Are you able to function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings?	Agree
Can you communicate effectively on complex engineering activities with the engineering community and with the society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions?	Agree
Are you able to Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's work, as a member and leader in a team, to manage projects and in multidisciplinary environments?	Agree
Will you be able to recognise the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change?	Agree

BCREC Feedback System

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PROGRAM END STUDENT FEEDBACK ANALYSIS SAMPLES

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Program End Feedback (Exit Survey)

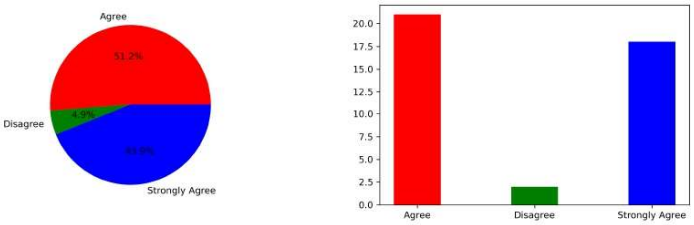
2024 Passout Batch

CIVIL ENGINEERING

Total No. of Students participated in the survey: 41

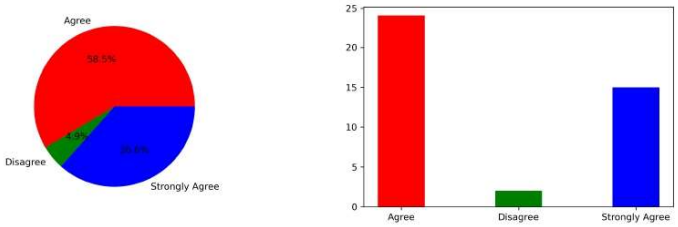
1. Have you developed the ability to apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialisation for the solution of complex engineering problems?

Strongly Agree [4] =43.9% Agree [3] =51.22% Disagree [2] =4.88% Strongly Disagree [1] =0



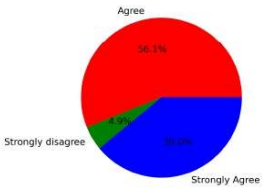
2. Are you able to identify, formulate, research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences?

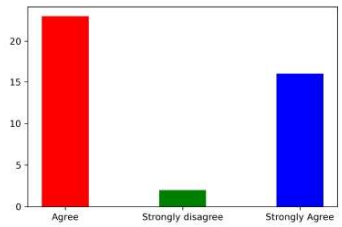
Strongly Agree [4] =36.59% Agree [3] =58.54% Disagree [2] =4.88% Strongly Disagree [1] =0



3. Did you attain the ability of designing solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for public health and safety, and cultural, societal, and environmental considerations?

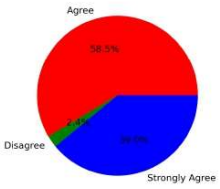
Strongly Agree [4] =39.02% Agree [3] =56.1% Disagree [2] =0 Strongly Disagree [1] =4.88%

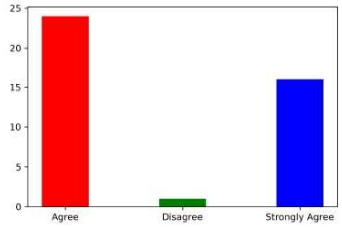




4. Are you able to apply research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions?

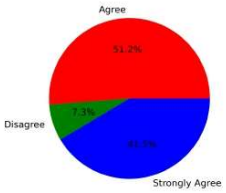
Strongly Agree [4] =39.02% Agree [3] =58.54% Disagree [2] =2.44% Strongly Disagree [1] =0

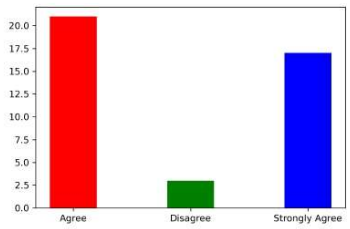




5. Have you developed the ability to create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations?

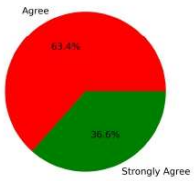
Strongly Agree [4] =41.46% Agree [3] =51.22% Disagree [2] =7.32% Strongly Disagree [1] =0

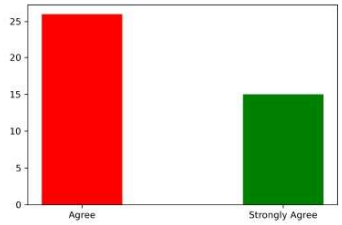




6. Can you apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues and the consequent responsibilities relevant to the professional engineering practice?

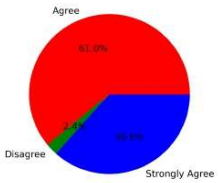
Strongly Agree [4] =36.59% Agree [3] =63.41% Disagree [2] =0 Strongly Disagree [1] =0

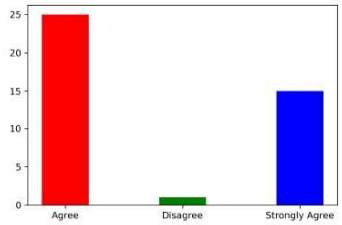




7. Are you able to understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and the need for sustainable development?

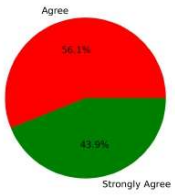
Strongly Agree [4] =36.59% Agree [3] =60.98% Disagree [2] =2.44% Strongly Disagree [1] =0

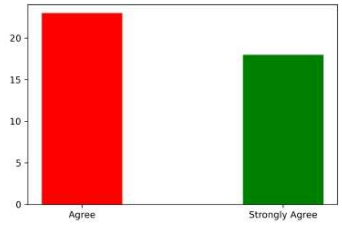




8. Do you apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice?

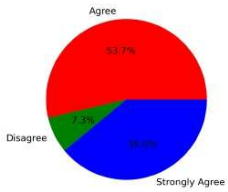
Strongly Agree [4] =43.9% Agree [3] =56.1% Disagree [2] =0 Strongly Disagree [1] =0

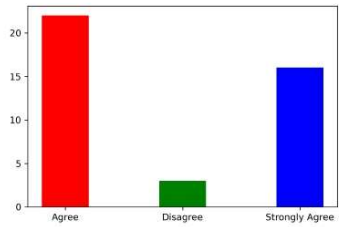




9. Are you able to function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings?

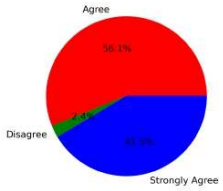
Strongly Agree [4] =39.02% Agree [3] =53.66% Disagree [2] =7.32% Strongly Disagree [1] =0

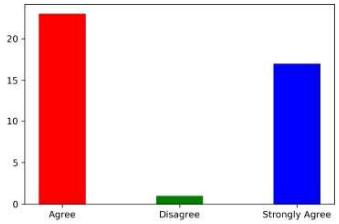




10. Can you communicate effectively on complex engineering activities with the engineering community and with the society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions?

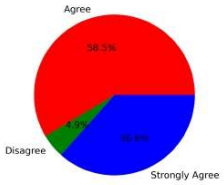
Strongly Agree [4] =41.46% Agree [3] =56.1% Disagree [2] =2.44% Strongly Disagree [1] =0

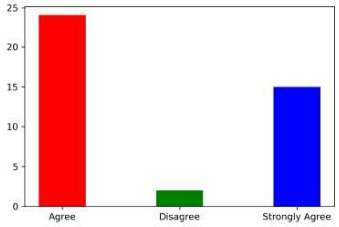




11. Are you able to Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's work, as a member and leader in a team, to manage projects and in multidisciplinary environments?

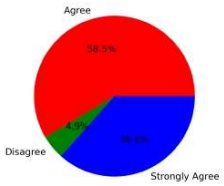
Strongly Agree [4] =36.59% Agree [3] =58.54% Disagree [2] =4.88% Strongly Disagree [1] =0

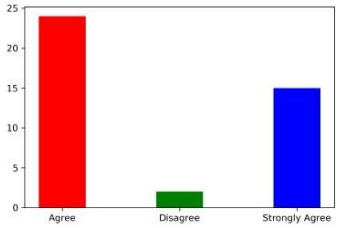




12. Will you be able to recognise the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change?

Strongly Agree [4] =36.59% Agree [3] =58.54% Disagree [2] =4.88% Strongly Disagree [1] =0





Summary

Strongly Agree: 39.23%
Agree: 56.91%
Disagree: 3.46%
Strongly Disagree: 0.41%

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ACTION TAKEN REPORT SAMPLE BASED ON STUDENT FEEDBACK ANALYSIS

Dr. B. C. Roy Engineering College

Department of Civil Engineering

Ref.: BCREC/CE/DAC/MOM-1/2024-25 **Date: 09.08.2024**

A Special DAC meeting took place on 8th August, 2024 at 4:30 PM at the Third Floor Smart Classroom to discuss in details and finalize the Action Taken Report based upon Course End Feedback (Even Semester), Feedback on Academics(Even Semester), Feedback on facilities(Even Semester)and Programme End Feedback (Exit Survey) taken for the Academic Year 2023-24. The feedback was submitted in the college website online by 131 students of the Civil Engineering Department including 26 students of first year, 32 students of second year, 32 students of third year and 41 students of fourth year.

Following are the major points of the Action Taken Report:

Action Taken Report based upon Feedback on Academics for the Even Sem AY 2023-24

Feedback related to acquiring new technical or scientific knowledge demonstrated positive adaptabilityin the teaching-learning methodology. Students were able to effectively apply their skills and knowledge to solve problems related to their field of study. Students highly appreciated the teaching sessions, finding them both effective and interesting.

Students agreed that the prescribed syllabus and laboratory experiments were relevant to current industry needs. They also appreciated the availability of modern tools and facilities in the laboratory, which met their requirements. Feedback related to student mentorship and counselling processes was positive. The overall communication skills of the students also improved.

Students valued the opportunities provided for co-curricular and extracurricular activities. They gave positive feedback about the events (workshops, seminars, webinars, etc.) conducted for their holistic development and to bridge the industry-academia gap.

1. The department has offeredfour Add-On courses across all the years and will continue to offer Add-On courses in future which will be beneficial in reducing the gap between the industry needs and academia.

2. Apart from the Add-On courses, students have been offered spoken tutorials on QGIS, LaTeX, Python programming.

3. Several activities and events like Seminar, Workshops, Interactive Sessions, Alumni Connect Programmes, site visits etc. have been conducted to cater to all round development

DR. B. C. ROY ENGINEERING COLLEGE Durgapur

of the students. In future, activity based calendar will be followed to arrange more such sessions and visits for holistic progress of the students.

4. It has been decided to motivate the students to participate in collaborative project works, work on tech models and participate in tech-fest and hackathons held at various organizations and industries.

5. The career counselling cell conducts group discussion sessions, spoken English classes and tries to improve the overall etiquette and communication skills of the students. It has also been decided that at the department level, proper counselling will be provided to final yearstudents to prepare them for placement opportunities and competitive exams like GATE, PSCs,CAT etc.

6. Students are encouraged to actively participate in various sports, NCC, NSS events along with karate and yoga sessions which are conducted for their all-round development.

7. The final year students are encouraged to undergo internships in reputed organizations to understand the need of the industry and prepare themselves to uplift their knowledge and skills to fit the society on completion of the course.

Action Taken Report based upon Feedback on Facilities for the Even SemAY 2023-24

Feedback on Academics was taken from the 1st to 4th year studentsfor the Even Semester 2023-24. The feedback was submitted in the college website online by 131 students of the Civil Engineering Department.

Most of the students were satisfied with laboratory facility, library facilities, water facility, internet facilities and overall cleanliness. Students appreciated the sports facilities of the college.

Some suggestions made by the students as per the feedback:

1. The internet facilities provided to the students need little improvement.
2. Feedback suggests that the hostel facility needs to be upgraded.
3. Positive responses were given regarding the sports facilities of the college.
4. The students were satisfied with the laboratory and library facilities.
5. Some of the students of first year were not happy with the canteen and internet facilities.

Following are the major points of the Action Taken Report:

1. Students were assured that their concerns related to hostel and canteen facilities would be addressed at the appropriate level. Any problems would be rectified, and facilities would be enhanced as soon as possible. The feedback was communicated to the Dean of Student Affairs so that it could be taken up for rectification through the Hostel Council.

Action Taken Report based on Program End Feedback (Exit Survey) for2024Passout Batch

The Programme End Feedback (Exit Survey) was taken from the 2024passout batch. The feedback was submitted in the college website online by the outgoing fourth year41 students of the Civil Engineering Department. Most of the students were very satisfied with the various aspects of teaching-learning and various indices of overall academic development.95.12% students felt that they havedeveloped the ability to apply the knowledge of mathematics, science, engineering fundamentals, and an engineeringspecialisation for the solution of complex engineering problems, 95.13% students agreed that they were able to identify, formulate, research literature, and analyse complex engineering problems reaching substantiated conclusions, 95.12% students felt that they were able apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues and theconsequent responsibilities relevant to the professional engineering practice, 97.57% students felt that they were able to able to understand the impact of the professional engineering solutions in societal and environmental contexts, anddemonstrate the knowledge of, and the need for sustainable development, about 95.13% students agreed that they were able to demonstrate knowledge and understanding of the engineering and management principles and apply those to their work, as a member and leader in a team, to manage projects and in multidisciplinary environmentsand more than 95.13% students felt that they were able to recognise the need for, and have the preparation and ability to engage in independent and life-long learning inthe broadest context of technological change.

In view of identifying the gap in the achievement of the Programme Outcome as per the requirement of various stakeholders,the feedback was taken from the 4th year pass-out batch.

Following are the major points of the Action Taken Report:

1. To help undergraduate students understand the challenges and opportunities of the Industry, few lectures by working professionals, Industry experts and Researchershave been arranged by the department from time to time.More such sessions will be conducted in future.

2. Fewseminar and workshops have been arranged where the students were given training on popular Design softwares like Revit, SAP. The project work is being conducted from 3rd year onwards to improve the problem identifying, critical thinking and analytical ability of the students.

3. A seminar was arranged on Health Monitoring of Structures which was conducted by Industry expert.

4. Microsoft Project Training programme on Project Management was arranged for the students in the department to give basic insights on Project management.

5. Manyindustrial and fieldvisits have been arranged for the students. Also teachers have been advisedto undertake more experiential teaching learning sessions.

6. The faculties are now using ICT for teaching learning purposes to create smartlearning environment. Learning Management System has been applied in teaching to augment the learning atmosphere.

7. The courses are being recorded by the course coordinators and the recorded classes are being uploaded in the YouTube Channel for the benefit of the students.

8. Technical Fest and program under IEI Student Chapter were conducted to groom the students and make them job ready and enhance their technical and interpersonal skills.

9. Add-On Courses have been introduced to bridge the knowledge gap and to make the students more skilled and for the extension activities for social and environment sensitization. Poster Exhibition for the fourth year project was arranged where industry experts and higher authorities were invited and students were provided valuable suggestions and guidance.

10. Slow Learners and Advanced Learners are given more attention according to theirneeds by arranging suitable remedial classes.

11. Faculty Development Programmes and faculty and staff training sessions have been conducted and more such programmes are planned in future for improvement of learning atmosphere.

12. Placement and guidance cell has been strengthened. Test Based Training (TBT) sessions for meritorious students and general training sessions for all the students are arranged on weekly basis to train the students for any kind of campus drive and job interview. Also more placement opportunities are being provided to the students in core and software sectors.

Action Taken Report based upon Course End Feedback Survey for the Even Sem AY 2023-24

The Course Feedback Survey for the 2nd, 4th, 6th and 8th semester students has been taken. Around 131 students have participated in the Course End Feedback and 1337 responses were received.

The course feedback process evaluates several key aspects of the teaching-learning experience, focusing on the effectiveness of communication regarding the course's relevance to its discipline, including course and program outcomes. It assesses the extent of syllabus coverage, ensuring that essential topics are thoroughly addressed. The teacher's teaching approach and classroom interactivity are reviewed to gauge their impact on student engagement. Fairness in the internal evaluation process is scrutinized, with transparency in discussing students' performances in Continuous Assessments (CA) and Practical Continuous Assessments (PCA). The teacher's ability to illustrate concepts through examples, identify students' strengths and weaknesses, and use ICT tools effectively is also evaluated. Additionally, the course is assessed on how well the knowledge gained can be applied to real-life, industry-specific problems or societal needs. Finally, the overall quality of the teaching-learning process is considered, summarizing the course's effectiveness and alignment with educational objectives. The feedback indicates that 53.88% students strongly agree with the

proper implementation of overall teaching learning process and 34.66% students agree with the same. However analysis of course feedback, suggests that some modification and enhancement for the overall quality of teaching-learning process is required for introduction to fluid mechanics, surveying &geomatics, quantity survey estimation and valuation, surveying &geomatics lab.

The following action has been taken as a response to the feedback:

1. Teachers have placed a strong focus on highlighting the course relevance and outcomes, while actively seeking student feedback to maintain engagement. The pace of instruction is thoughtfully adjusted to cover the entire syllabus thoroughly, with additional support provided to students who need it. A variety of examples are employed to address different learning preferences, and on-going feedback is gathered to evaluate their impact.

2.The teacher's teaching methods could benefit from some enhancements. Additionally, there is room for improvement in the interactivity of classroom and lab sessions.

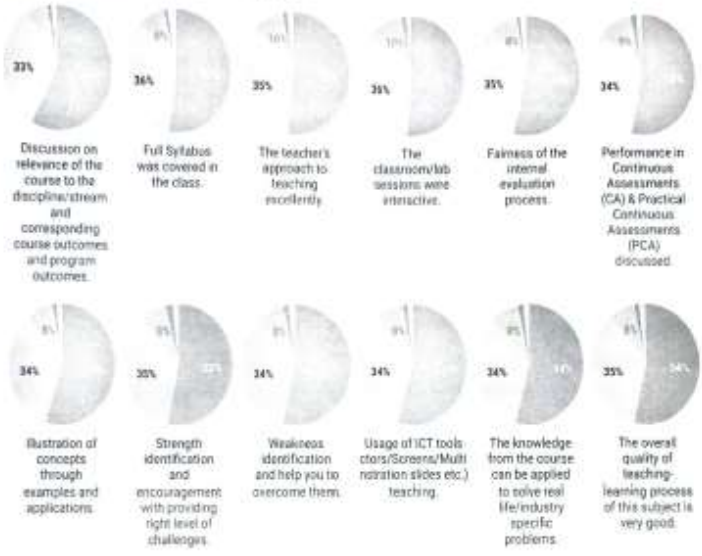
3. The evaluation criteria have been reassessed to ensure transparency and fairness. Ongoing discussions about assessments have been conducted regularly, providing extra support whenever necessary.

4. Recognizing student strengths and weaknesses, along with providing proper guidance and ongoing improvement, is a key focus. Individual sessions, mentoring, and extra doubt-clearing sessions are conducted effectively

5. ICT tools such as projectors and multimedia slides have been utilized effectively. Additionally, practical examples, industry visits, guest lectures, industry interactions, and career counselling sessions have been successfully implemented.

Course Feedback Survey Summery

Department of Civil Engineering, Even Sem AY 2023-24



Signature of the members present in the DAC meeting held on 08/08/2024 :

Sl. No.	Signature of the Faculty/TA	Sl. No.	Signature of the Faculty/TA
1.	Dr. Sanjay Sengupta	11.	Koyndrik Bhattacharjee
2.	Dr. Arijit Kr. Banerji	12.	Surajit Sen
3.	Md. Hamjala Alam	13.	Ajitesh Bhattacharjee
4.	Dr. Shovan Roy	14.	Anindita Sengupta
5.	Chanchal Das	15.	Aditya Prasad Roy
6.	Amit Kotal	16.	Barnali Das
7.	Prinoy Roy		
8.	Anupam Kr. Biswas		
9.	Dr. Sayantan Dutta		
10.	Soumyadip Das		

Copy to:-

1. Principal, Dr. B. C. Roy Engineering College Durgapur

B.C. ROY ENGINEERING COLLEGE Durgapur

FACULTY FEEDBACK

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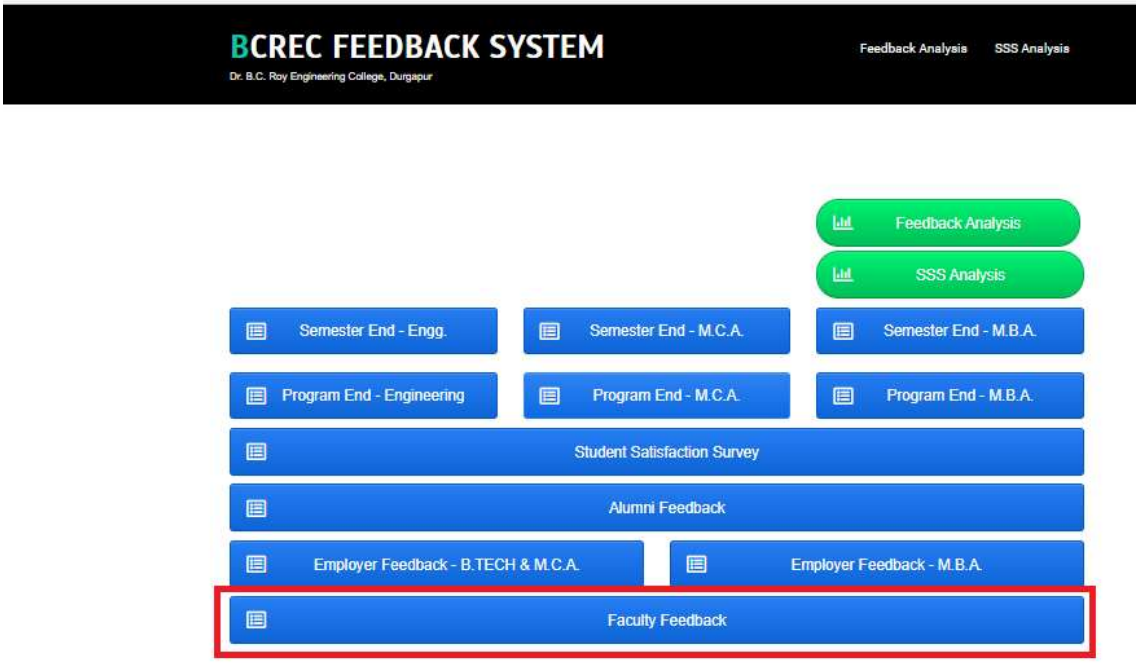

FEEDBACK FORM FACULTY

FACULTY FEEDBACK

Name *

Employee Code *

Email *

Department

IT

Designation

Assistant Professor

The Vision, Mission of the institute and department are clearly known. *

- ○ Strongly Agree
- ○ Agree
- ○ Disagree
- ○ Strongly disagree

Aims and objectives of the curriculum are well defined and clear to the teachers and students. *

- ○ Strongly Agree
- ○ Agree
- ○ Disagree
- ○ Strongly disagree

The course/programme of studies carries sufficient number of relevant elective papers. *
- Strongly Agree
- Agree
- Disagree
- Strongly disagree

Curriculum has adequate academic flexibility *
- Strongly Agree
- Agree
- Disagree
- Strongly disagree

The course content fulfils the need of students and industry. *
- Strongly Agree
- Agree
- Disagree
- Strongly disagree

Need to fully review the syllabus. *
- Strongly Agree
- Agree
- Disagree
- Strongly disagree

Institute provides adequate opportunities for continuous development of its Staff. *
- Strongly Agree
- Agree
- Disagree
- Strongly disagree

Equal opportunities for all staff are provided. *
- Strongly Agree
- Agree
- Disagree
- Strongly disagree

Institute has adequate medical facilities and is equipped to handle medical and other emergencies. *
- Strongly Agree
- Agree

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Institute has adequate medical facilities and is equipped to handle medical and other emergencies. *
- Strongly Agree
- Agree
- Disagree
- Strongly disagree

Faculty rooms, corridors, toilets, laboratory, playground, classrooms are regularly cleaned and well maintained. *
- Strongly Agree
- Agree
- Disagree
- Strongly disagree

Clean drinking water is available. *
- Strongly Agree
- Agree
- Disagree
- Strongly disagree

Laboratory requirements including equipment/ Software are regularly provided. *
- Strongly Agree
- Agree
- Disagree
- Strongly disagree

Internet facility is adequate. *
- Strongly Agree
- Agree
- Disagree
- Strongly disagree

Sufficient encouragement conductingresearch is provided for conducting research. *
- Strongly Agree
- Agree
- Disagree
- Strongly disagree

Institute pays attention to conservation of environment and has taken initiative on implementing waste management practices.
- Strongly Agree
- Agree

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Institute pays attention to conservation of environment and has taken initiative on implementing waste management practices. *
- Strongly Agree
- Agree
- Disagree
- Strongly disagree

Authorities are approachable and accessible. *
- Strongly Agree
- Agree
- Disagree
- Strongly disagree

There is a mechanism for feedback, review and performance enhancement for the staff. *
- Strongly Agree
- Agree
- Disagree
- Strongly disagree

There is a recognition/ Incentive/ Appreciation of the individual work is given. *
- Strongly Agree
- Agree
- Disagree
- Strongly disagree

Any other comments

Captcha *

3 * 6 =

Submit

FACULTY FEEDBACK ANALYSIS

Dr. B.C.Roy Engineering College, Durgapur
Dedicated to 'Quality Education'
Affiliated to MAKAUT | Approved by AICTE | NBA Accredited* | NAAC | NIRF Ranked

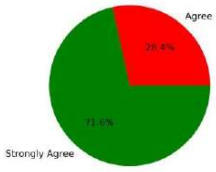
Faculty Feedback

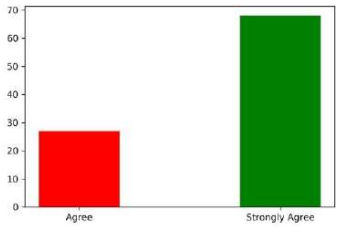
Academic Year : 2023-24

Total No. of Faculties participated in the survey: 98

1. The Vision, Mission of the institute and department are clearly known.

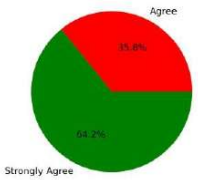
Strongly Agree [4] =71.58%Agree [3] =28.42%Disagree [2] =0 Strongly disagree [1] =0

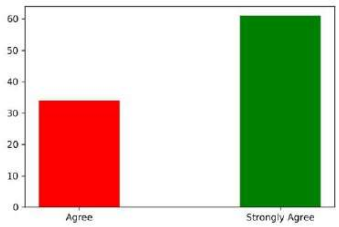




2. Aims and objectives of the curriculum are well defined and clear to the teachers and students.

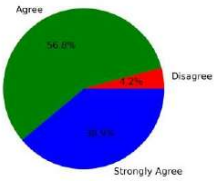
Strongly Agree [4] =64.21%Agree [3] =35.79%Disagree [2] =0 Strongly disagree [1] =0

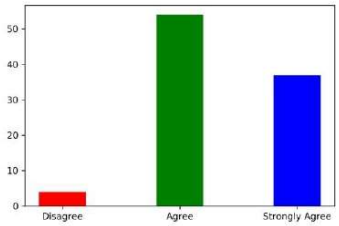




3. The course/programme of studies carries sufficient number of relevant elective papers.

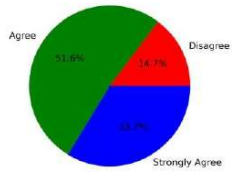
Strongly Agree [4] =38.95%Agree [3] =56.84%Disagree [2] =4.21%Strongly disagree [1] =0

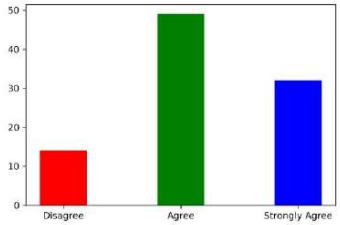




4. Curriculum has adequate academic flexibility

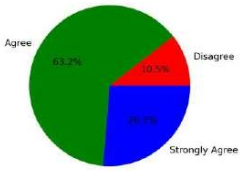
Strongly Agree [4] =33.68%Agree [3] =51.58%Disagree [2] =14.74%Strongly disagree [1] =0

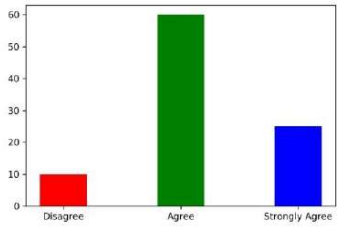




5. The course content fulfils the need of students and industry.

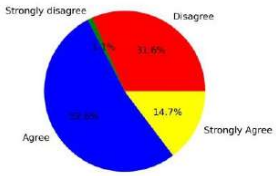
Strongly Agree [4] =26.32%Agree [3] =63.16%Disagree [2] =10.53%Strongly disagree [1] =0

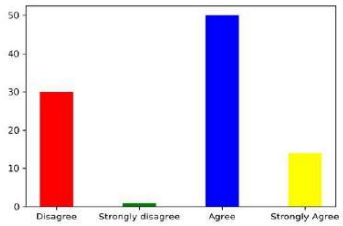




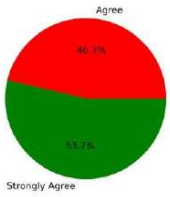
6. Need to fully review the syllabus.

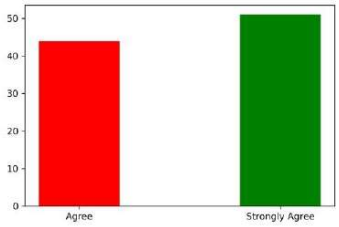
Strongly Agree [4] =14.74%Agree [3] =52.63%Disagree [2] =31.58%Strongly disagree [1] =1.05%





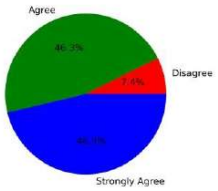
7.Institute provides adequate opportunities for continuous development of its Staff. Strongly Agree [4] =53.68%Agree [3] =46.32%Disagree [2] =0 Strongly disagree [1] =0

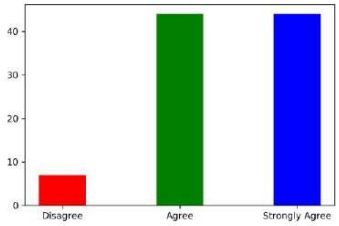




8. Equal opportunities for all staff are provided.

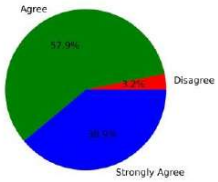
Strongly Agree [4] =46.32%Agree [3] =46.32%Disagree [2] =7.37%Strongly disagree [1] =0

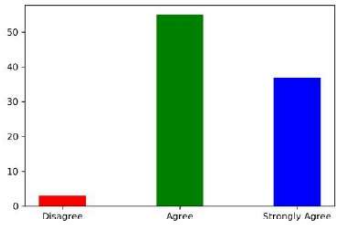




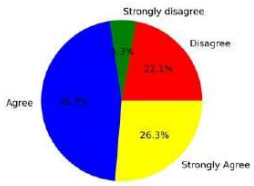
9. Institute has adequate medical facilities and is equipped to handle medical and other emergencies.

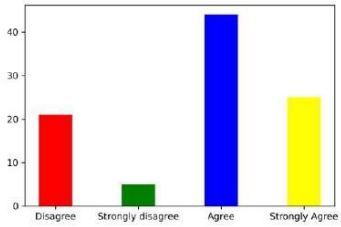
Strongly Agree [4] =38.95%Agree [3] =57.89%Disagree [2] =3.16%Strongly disagree [1] =0





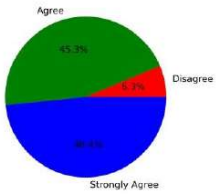
10. Faculty rooms, corridors, toilets, laboratory, playground, classrooms are regularly cleaned and well maintained. Strongly Agree [4] =26.32%Agree [3] =46.32%Disagree [2] =22.11%Strongly disagree [1] =5.26%

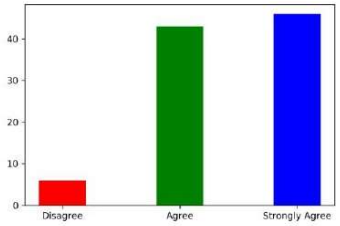




11.Clean drinking water is available.

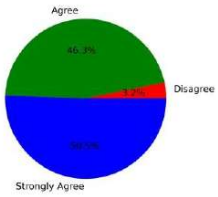
Strongly Agree [4] =48.42%Agree [3] =45.26%Disagree [2] =6.32%Strongly disagree [1] =0

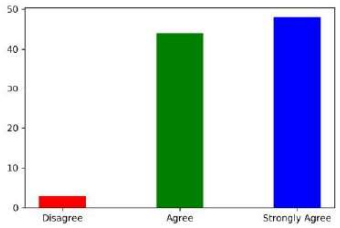




12. Laboratory requirements including equipment/ Software are regularly provided.

Strongly Agree [4] =50.53%Agree [3] =46.32%Disagree [2] =3.16%Strongly disagree [1] =0





Summary

Strongly Agree: 42.81% Agree: 48.07% Disagree: 8.6% Strongly disagree: 0.53%

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ALUMNI FEEDBACK

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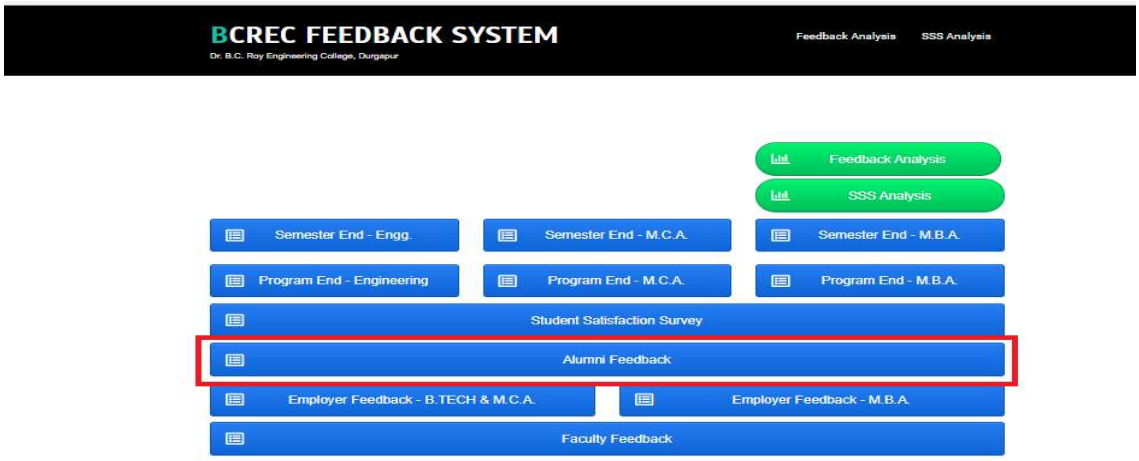
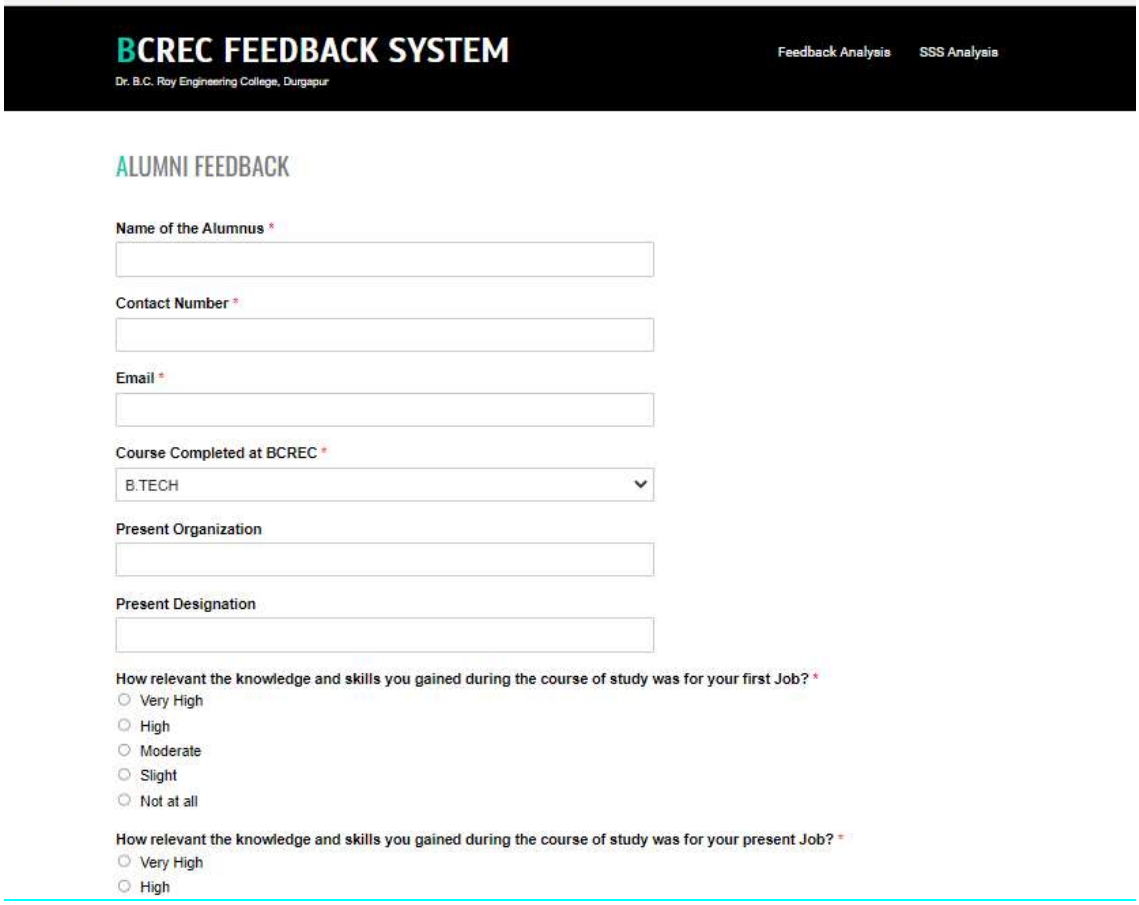


FEEDBACK FORM ALUMNI

crec.in/alumni-feedback/



https://srv15-bcrec.in/alumni-feedback/

How relevant the knowledge and skills you gained during the course of study was for your present Job? *
- ○ Very High
- ○ High
- ○ Moderate
- ○ Slight
- ○ Not at all

How relevant the curriculum is with the current industry requirements? *
- ○ Very High
- ○ High
- ○ Moderate
- ○ Slight
- ○ Not at all

How adequate were the activities organized by the college for your overall development? *
- ○ Very High
- ○ High
- ○ Moderate
- ○ Slight
- ○ Not at all

How supportive and cooperative the faculty members of BCREC were for your overall development? *
- ○ Very High
- ○ High
- ○ Moderate
- ○ Slight
- ○ Not at all

How was the student-teacher relationship at BCREC? *
- ○ Very High
- ○ High
- ○ Moderate
- ○ Slight
- ○ Not at all

Has the T&P Cell of BCREC provided ample On Campus and Off Campus placement opportunities? *
- ○ Very High
- ○ High

https://srv15-bcrec.in/alumni-feedback/

Has the T&P Cell of BCREC provided ample On Campus and Off Campus placement opportunities? *
- ○ Very High
- ○ High
- ○ Moderate
- ○ Slight
- ○ Not at all

Is the institute providing good hospitality as Alumni after passing out? *
- ○ Very High
- ○ High
- ○ Moderate
- ○ Slight
- ○ Not at all

How willing are you to contribute to the development of the Institute? *
- ○ Very High
- ○ High
- ○ Moderate
- ○ Slight
- ○ Not at all

How far have you upgraded yourself with the latest knowledge and skills after passing out from this institute? *
- ○ Very High
- ○ High
- ○ Moderate
- ○ Slight
- ○ Not at all

How willing are you to open your own start-up or any other business in future? *
- ○ Very High
- ○ High
- ○ Moderate
- ○ Slight
- ○ Not at all

How will you rate your career advancement after you got your first Job ? *
- ○ Very High
- ○ High

https://srv15-bcrec.in/alumni-feedback/

- ○ Very High
- ○ High
- ○ Moderate
- ○ Slight
- ○ Not at all

How willing are you to open your own start-up or any other business in future? *

- ○ Very High
- ○ High
- ○ Moderate
- ○ Slight
- ○ Not at all

How will you rate your career advancement after you got your first Job ? *

- ○ Very High
- ○ High
- ○ Moderate
- ○ Slight
- ○ Not at all

Any other comments!!

Captcha *

15 * 7 =

Submit

ALUMNI FEEDBACK ANALYSIS

Dr. B.C.Roy Engineering College, Durgapur
Dedicated to 'Quality Education'
Affiliated to MAKAUT | Approved by AICTE | NBA Accredited* | NAAC | NIRF Ranked

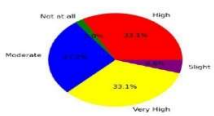
Alumni Feedback

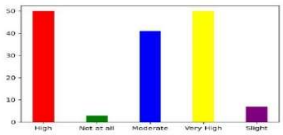
Academic Year: 2023-24

Total No. of Alumni participated in the survey: 103

1. How relevant the knowledge and skills you gained during the course of study was for your first Job?

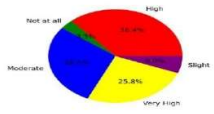
Very High[4] =33.11%High [3] =33.11%Moderate [2] =27.15%Slight [1] =4.64%Not at all [0] =1.99%

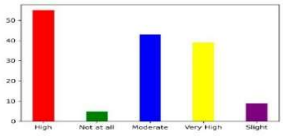




2. How relevant the knowledge and skills you gained during the course of study was for your present Job?

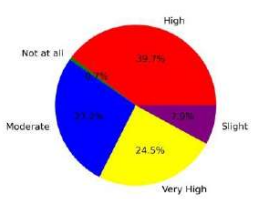
Very High[4] =25.83%High [3] =36.42%Moderate [2] =28.48%Slight [1] =5.96%Not at all [0] =3.31%

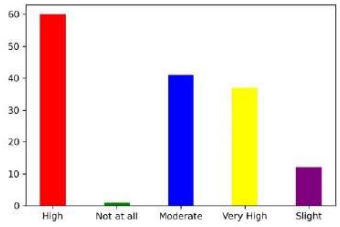




3. How relevant the curriculum is with the current industry requirements?

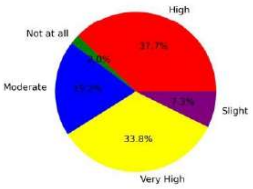
Very High[4] =24.5%High [3] =39.74%Moderate [2] =27.15%Slight [1] =7.95%Not at all [0] =0.66%

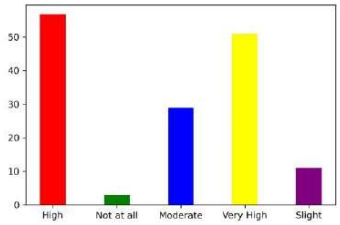




4. How adequate were the activities organized by the college for your overall development?

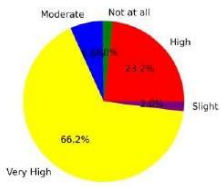
Very High[4] =33.77%High [3] =37.75%Moderate [2] =19.21%Slight [1] =7.28%Not at all [0] =1.99%

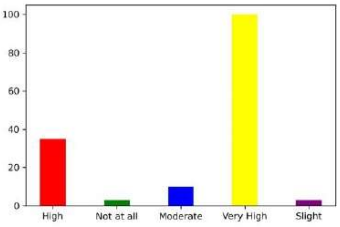




5. How supportive and cooperative the faculty members of BCREC were for your overall development?

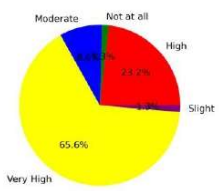
Very High[4] =66.23%High [3] =23.18%Moderate [2] =6.62%Slight [1] =1.99%Not at all [0] =1.99%

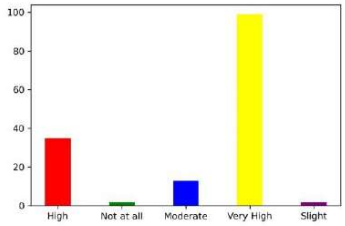




6. How was the student-teacher relationship at BCREC?

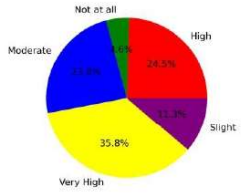
Very High[4] =65.56%High [3] =23.18%Moderate [2] =8.61%Slight [1] =1.32%Not at all [0] =1.32%

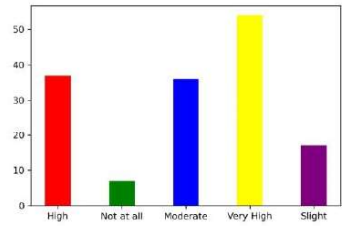




7. Has the T&P Cell of BCREC provided ample On Campus and Off Campus placement opportunities?

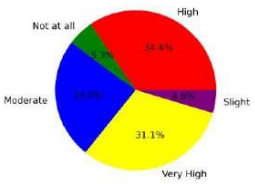
Very High[4] =35.76%High [3] =24.5%Moderate [2] =23.84%Slight [1] =11.26%Not at all [0] =4.64%

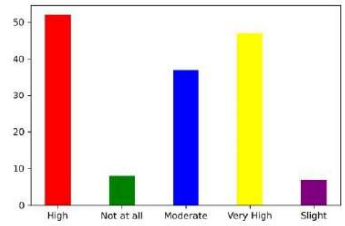




8. Is the institute providing good hospitality as Alumni after passing out?

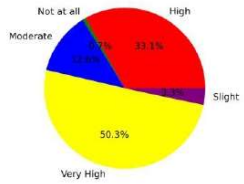
Very High[4] =31.13%High [3] =34.44%Moderate [2] =24.5%Slight [1] =4.64%Not at all [0] =5.3%

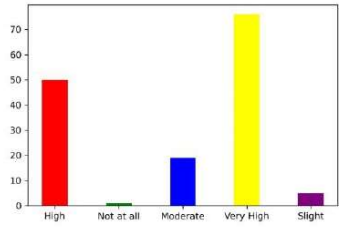




9. How willing are you to contribute to the development of the Institute?

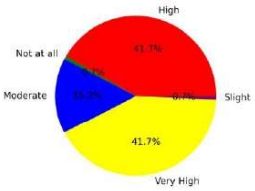
Very High[4] =50.33%High [3] =33.11%Moderate [2] =12.58%Slight [1] =3.31%Not at all [0] =0.66%

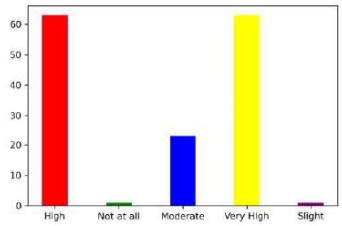




10. How far have you upgraded yourself with the latest knowledge and skills after passing out from this institute?

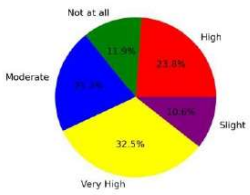
Very High[4] =41.72%High [3] =41.72%Moderate [2] =15.23%Slight [1] =0.66%Not at all [0] =0.66%

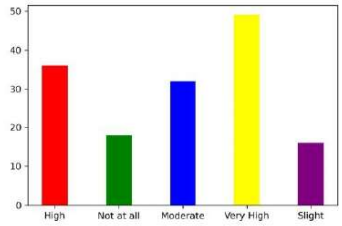




11. How willing are you to open your own start-up or any other business in future?

Very High[4] =32.45%High [3] =23.84%Moderate [2] =21.19%Slight [1] =10.6%Not at all [0] =11.92%





Summary

Very High: 40.04% High: 31.91% Moderate: 19.51% Slight: 5.42% Not at all: 3.13%

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EMPLOYER FEEDBACK

https://srv15-bcrec.in

FEEDBACK FORM EMPLOYER

EMPLOYER FEEDBACK – B.TECH & MCA

[ACADEMIC YEAR 2023-24]

Name of Employer/Organization/Company *

Name of the representative (on behalf of the Organization/Company) *

Designation *

Email *

Relevant Department for Recruitment

Separate the Department acronyms by a Comma: e.g. CE,ME,CSE,IT

Ability to apply the fundamental scientific and technical knowledge in solving engineering problems. *

- ○ Very Happy
- ○ Happy
- ○ Satisfied
- ○ Not Satisfied

Ability to identify, formulate and analyse complex engineering problems. *

- ○ Very Happy
- ○ Happy
- ○ Satisfied

https://srv15-bcrec.in/employer-feedback-b-tech-mca/

Ability to design solution for socially relevant engineering problems. *
- Very Happy
- Happy
- Satisfied
- Not Satisfied

Ability to conduct investigations oftechnical issues consistentwith their level of knowledgeand understanding. *
- Very Happy
- Happy
- Satisfied
- Not Satisfied

Ability to use, identify/create modern engineering tools, techniques and resources. *
- Very Happy
- Happy
- Satisfied
- Not Satisfied

Ability to describe engineering roles in a broader context. *
- Very Happy
- Happy
- Satisfied
- Not Satisfied

Understanding of the impact of engineering and industrial practices on social, environmental and in economic contexts. *
- Very Happy
- Happy
- Satisfied
- Not Satisfied

Ability to recognize ethical dilemmas and apply the code of ethics. *
- Very Happy
- Happy
- Satisfied
- Not Satisfied

Effective individual and team operations--communication, problem solving, conflict resolution and leadership skills. *
- Very Happy
- Happy

https://srv15-bcrec.in/employer-feedback-b-tech-mca/

Effective individual and team operations--communication, problem solving, conflict resolution and leadership skills. *
- Very Happy
- Happy
- Satisfied
- Not Satisfied

Competency in writing, listening, speaking, and presentation. *
- Very Happy
- Happy
- Satisfied
- Not Satisfied

Ability to evaluate the economic and financial performance of an engineering activity. *
- Very Happy
- Happy
- Satisfied
- Not Satisfied

Ability to identify gaps in knowledge and a strategy to close these gaps. *
- Very Happy
- Happy
- Satisfied
- Not Satisfied

Captcha *

14 + 2 =

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EMPLOYER FEEDBACK ANALYSIS

Dr. B.C.Roy Engineering College, Durgapur
Dedicated to 'Quality Education'
Affiliated to MAKAUT | Approved by AICTE | NBA Accredited* | NAAC | NIRF Ranked

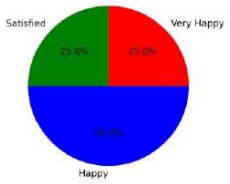
Employer Feedback

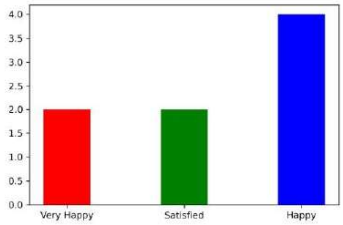
Academic Year: 2023-24

Total No. of Employer (Representatives) participated in the survey: 8

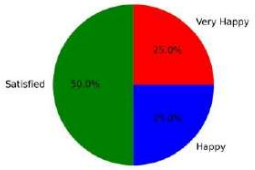
1. **Ability to apply the fundamental scientific and technical knowledge in solving engineering problems.**

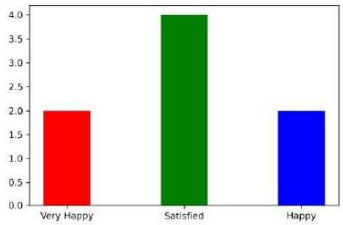
Very Hqppy[4] =25.0%Happy [3] =50.0%Satisfied [2] =25.0%Not Satisfied [1] =0





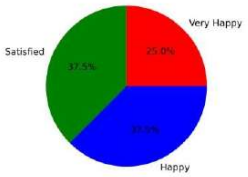
2. **Ability to identify, formulate and analyse complex engineering problems.** Very Hqppy[4] =25.0%Happy [3] =25.0%Satisfied [2] =50.0%Not Satisfied [1] =0

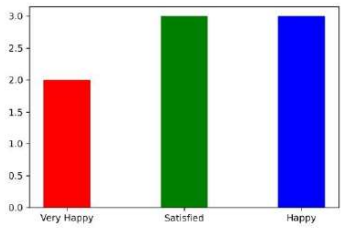




3. **Ability to design solution for socially relevant engineering problems.**

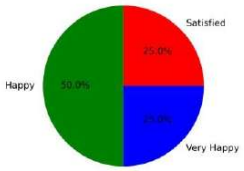
Very Hqppy[4] =25.0%Happy [3] =37.5%Satisfied [2] =37.5%Not Satisfied [1] =0

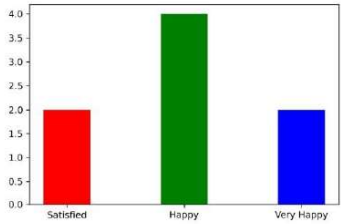




4. **Ability to conduct investigations oftechnical issues consistentwith their level of knowledgeand understanding.**

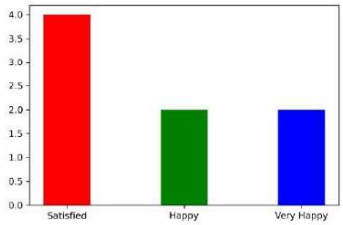
Very Hqppy[4] =25.0%Happy [3] =50.0%Satisfied [2] =25.0%Not Satisfied [1] =0





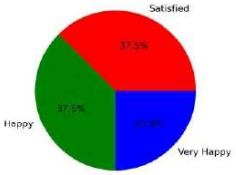
5. **Ability to use, identify/create modern engineering tools, techniques and resources.**

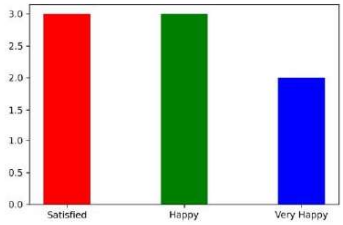
Very Hqppy[4] =25.0%Happy [3] =25.0%Satisfied [2] =50.0%Not Satisfied [1] =0



6. **Ability to describe engineering roles in a broader context.**

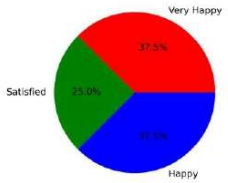
Very Hqppy[4] =25.0%Happy [3] =37.5%Satisfied [2] =37.5%Not Satisfied [1] =0

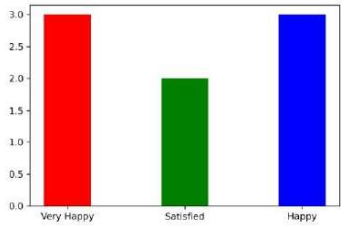




7. **Understanding of the impact of engineering and industrial practices on social, environmental and in economic contexts.**

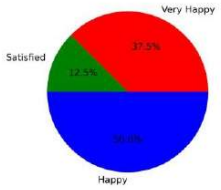
Very Hqppy[4] =37.5%Happy [3] =37.5%Satisfied [2] =25.0%Not Satisfied [1] =0

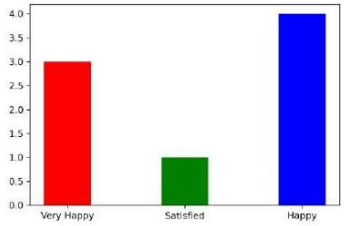




8. Ability to recognize ethical dilemmas and apply the code of ethics.

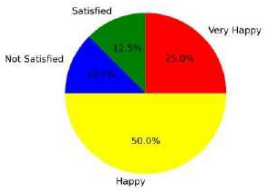
Very Hqppy[4] =37.5%Happy [3] =50.0%Satisfied [2] =12.5%Not Satisfied [1] =0

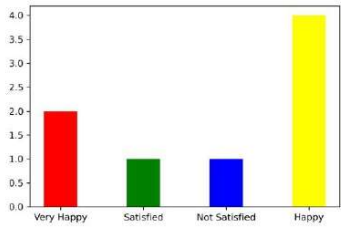




9. Effective individual and team operations--communication, problem solving, conflict resolution and leadership skills.

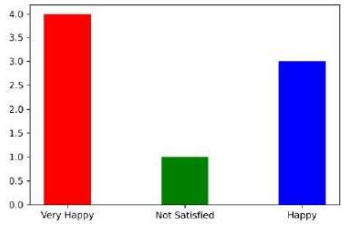
Very Hqppy[4] =25.0%Happy [3] =50.0%Satisfied [2] =12.5%Not Satisfied [1] =12.5%





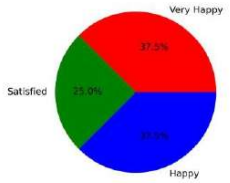
10.Competency in writing, listening, speaking, and presentation.

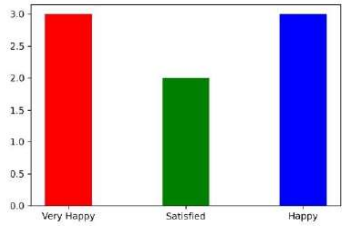
Very Hqppy[4] =50.0%Happy [3] =37.5%Satisfied [2] =0 Not Satisfied [1] =12.5%



11.Ability to evaluate the economic and financial performance of an engineering activity.

Very Hqppy[4] =37.5%Happy [3] =37.5%Satisfied [2] =25.0%Not Satisfied [1] =0





Summary

Very Happy: 30.68%
Happy: 39.77%
Satisfied: 27.27%
Not Satisfied: 2.27%

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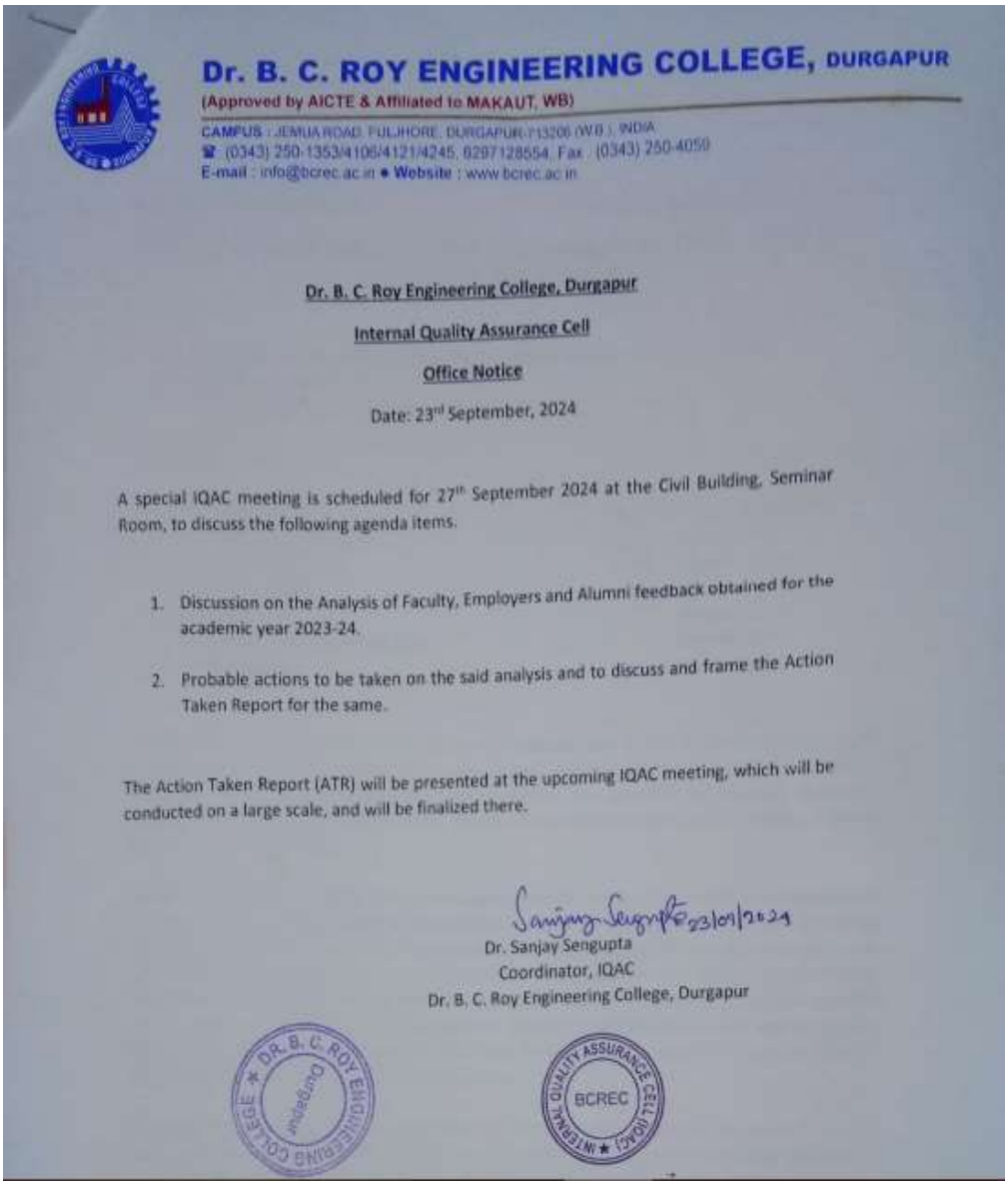
ACTION TAKEN REPORT BASED ON FACULTY, ALUMNI AND EMPLOYER FEEDBACK ANALYSIS



Dr. B. C. ROY ENGINEERING COLLEGE, DURGAPUR

(Approved by AICTE & Affiliated to MAKAUT, WB)

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Dr. B. C. Roy Engineering College, Durgapur

Internal Quality Assurance Cell

Office Notice

Date: 23rd September, 2024

A special IQAC meeting is scheduled for 27th September 2024 at the Civil Building, Seminar Room, to discuss the following agenda items.

1. Discussion on the Analysis of Faculty, Employers and Alumni feedback obtained for the academic year 2023-24.
2. Probable actions to be taken on the said analysis and to discuss and frame the Action Taken Report for the same.

The Action Taken Report (ATR) will be presented at the upcoming IQAC meeting, which will be conducted on a large scale, and will be finalized there.

Sanjay Sengupta 23/09/2024

Dr. Sanjay Sengupta
Coordinator, IQAC
Dr. B. C. Roy Engineering College, Durgapur

DR. B. C. ROY ENGINEERING COLLEGE Durgapur

INTERNAL QUALITY ASSURANCE CELL IQAC BCREC

Dr. B. C. Roy Engineering College, Durgapur

Ref: BCREC/IQAC/2024/Special (1)

Dated: September 27, 2024

Minutes of the special meeting of IQAC held at Civil Building Seminar Room on Monday, the 27th September, 2024 at 11:30AM

Agenda:

3. Discussion on the Analysis of Faculty, Employers and Alumni feedback for the academic year 2023-24
4. Action Taken Report (ATR) on above analysis

Members Present:

1. Dr. Sanjay Sengupta	Convener, IQAC Coordinator
2. Dr. Tribeni Prasd Banerjee	Member, IQAC
3. Dr. Pabitra Kumar Dey	Member, IQAC
4. Dr. RituRani Maity	Member, IQAC
5. Dr. Jayanta Pal	Member, IQAC
6. Dr. Anandaprova Majumder, CSE	Member, IQAC
7. Dr. Anjit Banerji	Member, IQAC

At the beginning of the meeting, (Prof.) Dr. Sanjay Sengupta, HOD of CE and Coordinator of the IQAC, greeted all the members present at the special IQAC meeting. He then initiated the discussion, focusing on the sole agenda item: reviewing the action taken based on the feedback analysis for faculty members across all departments, alumni of the institute, and employer feedback for the academic session 2023-24.

Faculty feedback on the course curriculum suggests that the syllabus can be little more upgraded to better align with the industry needs. The institute has conducted different seminars and workshops to address this. There are multiple Memorandums of Understanding (MOUs) with major industrial partners such as Capgemini (for IT-related fields) and CSIR-CMERI (for core engineering disciplines), which ensure that students receive professional expertise and hands-on training to prepare them for the industry. Furthermore, each department is planning to introduce in-house add-on courses (additional courses beyond the regular curriculum) starting from the academic session of 2024-25, alongside the IIT Bombay Spoken Tutorial program.

Based on feedback from employers regarding engineering students, it was recognized that there is a need to enhance students' understanding of the impact of engineering and industrial practices on various aspects of life. In response, the college has implemented measures such as mandatory participation in an induction program for first-year students. This program introduces students to the fundamentals of how they, as engineers, can contribute to society through various events. Additionally, students are being trained to write project proposals from their first year. As they progress to their third and final years, they will develop comprehensive projects that address societal, environmental, and economic issues. The college has also initiated industrial visits to expose students to real-world industry practices.

Alumni feedback suggests that while the course curriculum is effective in providing knowledge for securing the first job, it needs to be better aligned with industry requirements in the following years. As highlighted in the faculty feedback, the institute is working on strengthening industrial partnerships with companies, both for engineering and management programs.

Attendance of Special Meeting of the IQAC held at Seminar Room, Civil Building on Friday, the 27th September, 2024 at 11.30am

		Signature
1. Dr. Sanjay Sengupta	Coordinator	
2. Dr. Triboni Prasd Banerjee	Member	
3. Dr. Pabitra Kumar Dey	Member	
4. Dr. Ritullani Maity	Member	
5. Dr. Jayanta Pal	Member	
6. Dr. Anandapoova Majumder	Member	
7. Dr. Anjit Banerji	Member	

Copy to: General Secretary, BCREC
Principal, BCREC
Head of the Departments, BCREC

27/09/2024