

GURU GOBIND SINGH EDUCATIONAL SOCIETY'S TECHNICAL CAMPUS

KANDRA (V) CHAS – 827013, BOKARO, JHARKHAND

ACADEMIC AUDIT 2020-21

Introduction:

Guru Gobind Singh Educational Society's Technical Campus (GGSESTC), Bokaro, is governed by the 'Guru Gobind Singh Educational Society,' a non-profit organization established in 1979 dedicated to advancing education. GGSESTC was established in 2011 and provides technical education for B.Tech. in five branches—Mechanical Engineering, Computer Science Engineering, Civil Engineering, Electrical & Electronics Engineering, and Electronics & Communication Engineering—as well as an MBA with specializations in Marketing, Finance, and HR. Committed to quality and inclusive education, the college offers merit-cum-means scholarships to local and high-achieving students through its Scholarship Aptitude Test (SAT). The institution's governance is characterized by effective leadership aligned with its Vision and Mission, emphasizing transparency and participative decision-making. Key academic and administrative matters, such as budgeting, recruitment, purchasing, and conferences, are discussed and approved in meetings, then communicated to all faculty, staff, and students. All GGSESTC faculty members meet AICTE/UGC standards and bring valuable experience and Academic Performance Indicators' (APIs).

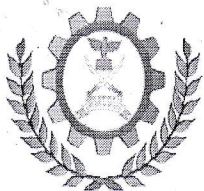
GGSESTC also fosters student development through programs like the National Service Scheme (NSS), supported by the Ministry of Youth Welfare, Government of India, and the Entrepreneurship Development Program supported by MSME, Ranchi. These initiatives provide students with hands-on experience in rural development, industrial growth, entrepreneurship, and managerial skills, equipping them for placement in various industries and government roles.

Several recent events highlight GGSESTC's commitment to academic and social engagement. The Hon'ble VC of JUT, Dr. Gopal Pathak, made a surprise visit to GGSESTC during the 6th Semester Diploma Exam in 2020, expressing satisfaction with the institution's effective arrangements during the COVID-19 period. The institute also commemorates significant national events, including Constitution Day and International Women's Day. Further promoting health and fitness, the college organized a FIT INDIA MOVEMENT program. GGSESTC's Alumni Meet 2021 was held on June 2, 2021, bringing together alumni to reconnect and share their professional experiences. Additionally, GGSESTC, in association with Jharkhand University of Technology, Ranchi, hosted a State Level Webinar on "How to Save Students' Lives from the Effects of the COVID-19 Pandemic" on June 24, 2021, with Dr. P. K. Mishra, Honorable Vice-Chancellor of JUT, as the chief guest. Faculty development is also a priority at GGSESTC, as evidenced by the organization of Faculty Development Programs (FDPs) to enhance teaching and professional skills.

GGSESTC's outstanding contributions to education and student welfare have been recognized through numerous awards and accolades, underlining its dedication to excellence and continuous improvement.



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Bokaro, Jharkhand-827013



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General Conclusion

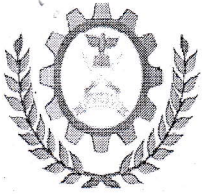
- Faculty members are highly qualified and actively engaged in research and development activities, with strong institutional support for their professional growth through financial assistance for conferences, workshops, and skill enhancement programs.
- GGSESTC has implemented a student-centered, outcome-based education model that aligns well with industry needs, showing significant progress in achieving academic excellence.
- Through a proactive IQAC and a structured feedback system, the institution continuously evaluates and improves academic and administrative practices, adhering to NAAC quality benchmarks.
- Ensuring equitable access to online education for all students, especially those from disadvantaged backgrounds, posed a considerable challenge.
- GGSESTC is committed to community service and industry collaboration, enriching the educational experience and contributing positively to societal development.
- Conducting online exams and assessments presented logistical and technical difficulties, necessitating innovative solutions.
- Stands out as an institution of academic excellence.

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24.08.2021

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Date: 24.08.2021

Number of Faculty, All Departments: 81

Number of Students: 618

Branch: CSE

- | | |
|----------------------------------|--------|
| 1. Course file- Completed- | YES/NO |
| 2. Log Book- Completed- | YES/NO |
| 3. Innovative Teaching Practice- | YES/NO |
| 4. Co-assessment- | YES/NO |
| 5. Video Lectures- | YES/NO |
| 6. Syllabus Coverage in %- | 82% |

Remarks:

1. Provide more Video Lectures.
2. Increase interdisciplinary research projects, especially in AI and IoT

Branch: ME

- | | |
|----------------------------------|--------|
| 1. Course file- Completed- | YES/NO |
| 2. Log Book- Completed- | YES/NO |
| 3. Innovative Teaching Practice- | YES/NO |
| 4. Co-assessment- | YES/NO |
| 5. Video Lectures- | YES/NO |
| 6. Syllabus Coverage in %- | 87% |

Remarks:

1. Provide more Video Lectures.
2. Integrate sustainability-focused projects, aligning with current global engineering trends.

Branch: EEE

- | | |
|----------------------------------|--------|
| 1. Course file- Completed- | YES/NO |
| 2. Log Book- Completed- | YES/NO |
| 3. Innovative Teaching Practice- | YES/NO |
| 4. Co-assessment- | YES/NO |
| 5. Video Lectures- | YES/NO |
| 6. Syllabus Coverage in %- | 85% |

Remarks:

1. Provide more Video Lectures.
2. Expand coursework and certifications in industrial automation and IoT to match industry trends.

Branch: CE

- | | |
|----------------------------------|--------|
| 1. Course file- Completed- | YES/NO |
| 2. Log Book- Completed- | YES/NO |
| 3. Innovative Teaching Practice- | YES/NO |
| 4. Co-assessment- | YES/NO |
| 5. Video Lectures- | YES/NO |
| 6. Syllabus Coverage in %- | 83% |

Remarks:

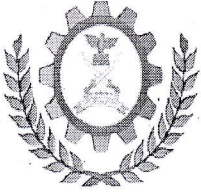
1. Provide more Video Lectures.
2. Add more coursework and research opportunities in environmental impact and sustainable urban development.

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| | | | |
|--|-------------------------------------|---|-------------------------------------|
| Branch: ECE | <input checked="" type="checkbox"/> | Branch: MBA | <input checked="" type="checkbox"/> |
| 1. Course file- Completed- | YES/NO | 1. Course file- Completed- | YES/NO |
| 2. Log Book- Completed- | YES/NO | 2. Log Book- Completed- | YES/NO |
| 3. Innovative Teaching Practice- | YES/NO | 3. Innovative Teaching Practice- | YES/NO |
| 4. Co-assessment- | YES/NO | 4. Co-assessment- | YES/NO |
| 5. Video Lectures- | YES/NO | 5. Video Lectures- | YES/NO |
| 6. Syllabus Coverage in %- | 88% | 6. Syllabus Coverage in %- | 84% |
| Remarks: | | Remarks: | |
| 1. Provide more Video Lectures. | | 1. Provide more Video Lectures. | |
| 2. Strengthen collaborations with telecom companies and research labs for student internships and real-world project exposure. | | 2. Develop stronger corporate tie-ups for internships, especially with companies in finance, IT, and manufacturing, to provide real-world exposure. | |

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