



MANDATORY DISCLOSURE GIRIJA INSTITUTE OF POLYTECHNIC

Village-Dohakatu, Ramgarh– 835219

1. Name of the Institution

GIRIJA INSTITUTE OF POLYTECHNIC
Village :Dohakatu
City&PinCode :Ramgarh,835219
State/ UT :Jharkhand
Phone No. withSTDCode 9264436711
E-mail : gipranchi@gmail.com

2. Name and address of the Trust

GIRIJA MEMORIAL WELFARETRUST
Address of the Trust : Dohakatu ,Ramgarh-835219,Jharkhand

3. Name and Address of the Principal

Name of the Principal : Dr. DeepakGupta
Address : Dohakatu, Ramgarh,Jharkhand
Phone number with STD code 9264436711
E-mail : gipranchi@gmail.com

4. Name of the Affiliating University

Jharkhand University of Technology

5. Governance

• Members of the Board and their brief background

The Members are as follows:

1. Shri Sneh Suman	Chairperson
2. Smt Bandana Kumari	Chief Managing Trustee
3. Shri Sneh Naman	Member
4. Shri Saket Bihari	Member
5. Shri Purushottam kumar	Member
6. Shri U.K Shukla	Member
7. Dr. A Kumar	Member Higher & Technical Education
8. Dr. Deepak Gupta	Member Secretary
9. Shri Amit Ranjan	G.M, Usha Martin, Ranchi
10. Registrar	J.U.T,Ranchi
11. Shri Ajay Kumar	G.M, Sail, R&D, Ranchi
12. Dr.A.K Pathak	H.O.D, Mechanical, NIFT, Ranchi
13. Nomination Awaited	AICTE Member

- Members of Academic Advisory Body :
- Frequency of the Board meetings and Academic Advisory Body:** 3 and 2 per year respectively
- Date of last meeting** : 07 January 2021
- **Organizational chart and processes:** Annexure–I

- ☐ Nature and Extent of involvement of Faculty and students in academic affairs/improvements
- ☐ Mechanism/ Norms and Procedure for democratic/ good Governance
- ☐ **Student Feedback on Institutional Governance/ Faculty performance:** Taking feedback from students manual as well as online
- ☐ **Grievance Redressal mechanism for Faculty, staff and students:** Online Grievances Redressal for students & faculties redressed through Committee.

Committee Members:

- i. Dr.DeepakGupta - NodalOfficer
 - ii. Rahul Sharma -Member
 - iii. Miss Shambhavi -Member
 - iv. Miss Priyanka Kumari -Member
 - v. Miss Rashmi Kumari -Member
 - vi. U.K Shukla -Member
 - vii. Pankaj Kumar -Student
 - viii. Jyoti Kumari -Student
- **Establishment of Online Grievance Redressal Mechanism :Yes**

And available on Website.

Girija Institute of Polytechnic

(Run & Managed under Girija Memorial Welfare Trust)

At- Dohakatu, Ps- Ramgarh, District- Ramgarh, Jharkhand

Email - gipranchi@gmail.com

Mob - 7763810001

Ref No. GIP/GRC/052

Date 03/02/2022

Sub:-Grievance Redressal Committee:-

Grievance Redressal mechanism for faculty , staff and students: Online Grievance Redressal for students & faculties redressed as per AICTE Norms through Committee.

Committee Members are as follows:

Sl. No.	Member	Designation	Mobile No.
01	DR. DEEPAK GUPTA	Nodal officer	9264436711
02	RAHUL SHARMA	Member	8210661836
03	MISS SHAMBHAVI	Member	8294575722
04	MISS RASHMI KUMARI	Member	9472729777
05	MISS PRIYANKA KUMARI	Member	7488257891
06	U.K.SHUKLA	Member	8797553331
07	PANKAJ KUMAR	Student	8987433643
08	JYOTI KUMARI	Student	9572865082

Secretary

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- **Establishment of Anti Ragging Committee: Yes**

Girija Institute of Polytechnic

(Run & Managed under Girija Memorial Welfare Trust)

At- Dohakatu, Ps- Ramgarh, District- Ramgarh, Jharkhand

Email - girinchi@gmail.com

Mob - 7763810001

Ref No GIP/ARC/057
GIP/AR S/059

Date 03/02/2022

Sub:- Anti-Ragging Committee

- (i) These regulations may be called the All India Council for Technical Education (Prevention and Prohibition of Ragging in Technical Institution).
- (ii) They shall come into force on the date of the order.

Objectives:-

In view of the directions of the Hon'ble Supreme Court in SLP No. 24295 of 2006 dated 16-05-2007 and in Civil Appeal number 887 of 2009, dated 08-05-2009 to prohibit, prevent and eliminate the scourge of ragging including any conduct by any student or students whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness a fresher or any other student, or including in rowdy or undisciplined activities by any student or students which causes or is likely to causes annoyance, hardship or psychological harm or to raise fear or apprehension thereof in any fresher or any other student or asking any student to do any act which such student will not in the ordinary course do and which has the effect of causing or generating a sense of shame, or torment or embarrassment so as to adversely affect the physique of such fresher or any other student, with or without an intent to derive a sadistic pleasure or showing off power, authority or superiority by a student over any fresher or any other student, in all higher education institution in the country, and thereby, to provide for the healthy development, physically and psychologically, of all students, the All India Council for Technical Education, (AICTE) brings forth these Regulations.

Monitoring mechanism in technical institution,

- a) **Anti-ragging committee:** Every institution University including Deemed to be University imparting technical education shall constitute a committee to be known as the Anti-ragging committee to be nominated and headed by the Head of the Institution, and consisting of representatives of civil and police administration, local media, Non Government Organizations involved in youth activities, representatives of faculty members, representatives of parents, representatives of students belonging to the fresher's category as well as senior students, non-teaching staff: and shall have a diverse mix of membership in terms of level as well as gender.

The following Anti-ragging committed in constituted as mention above for "Girija Institute of Polytechnic "Ramgarh, Jharkhand.

1. Dr. Deepak Gupta, Principal, G.I.P Ramgarh-Member- Coordinator
2. Rahul Sharma, Lecturer, G.I.P. Ramgarh-Member
3. Amar kumar roy, Lecturer, G.I.P. Ramgarh-Member
4. Miss Priyanka Kumari, Lecturer, G.I.P. Ramgarh-Member
5. Mandeep kumar Singh, Lecturer - G.I.P, Ramgarh-Member
6. Raju kumar ray, Lecturer, G.I.P, Ramgarh-Member
7. Vibha kumari, Office incharge, GIP, Ramgarh- Member

b) It shall be the duty of the Anti-Ragging Committee to ensure compliance with the provision of these Regulations as well as the provisions of any law for the time being in force concerning ragging; and also to monitor and observe the performance of the Anti- Ragging squad in prevention of ragging in the institution.

c) **Anti-Ragging Squad:** Every institution University including Deemed to be University imparting technical education shall also constitute a smaller body to be known as the Anti-Ragging Squad to be nominated by the Head of the Institution with such representation as may be considered necessary for maintain vigil, oversight and patrolling functions and shall remain mobile, alert and active at all times. Provided that the Anti-Ragging Squad shall have

Representation of various members of the campus community and shall have no outside representation.

Anti-Ragging Squad

1. Dr. Deepak Gupta, Principal -G.I.P, Ramgarh
2. Rahul sharma, Lecturer-G.I.P Ramgarh
3. U.K.Shukla, Admin Officer- G.I.P, Ramgarh
4. Lalan Singh, Sub-Inspector- Ramgarh
5. Dilip Kumar Singh, Media Reporter- Ramgarh
6. Narayan Karmali, Pramukh, Gram Panchyat Dohakatu-Ramgarh
7. Mandeep kumar Singh, Lecturer- GIP, Ramgarh

d) **Mentoring Cell:** Every institution shall, at the end of each academic year, in order to promote the objectives of these Regulations, constitute a Mentoring Cell consisting of students volunteering to be Mentors for freshers, in the succeeding academic year; and there shall be as many levels or tiers of Mentors as the number of batches in the institution, at the rate of one Mentor for six freshers and one Mentor of a higher level for six Mentors of the lower level.

Committee

Members for freshers - 4

One.mentor for six fresher

Sach Nandan
Secretary
Secretary,
G.I.P Institute of Polytechnic
Village- Dohakatu, P.O.- Chudhapat
Ramgarh, Jharkhand

- **Establishment of Grievance Redressal Committee in the Institution and Appointment of OMBUDSMAN by the University: Yes**

Girija Institute of Polytechnic

(Run & Managed under Girija Memorial Welfare Trust)

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of .Iharlthand

At- Doha1«atu, 1's- Raing:11'h, DiStf lCl- Rilmpui Is, Jharkh«ind

Email - gipranchi@gmail.com

No.- 9264436711

To WHOM IT MAY CONCERNE

This is to certify that Girija Institute of Polytechnic, Dohakatu,
Ramgarh has online Ombudsman mechanism on its website.

Secretary,
Girija Institute of Polytechnic
Village- Dohakatu, P.O.- Chitijipal
Ramgarh, Jharkhand

- Establishment of Internal Complain Committee: Yes

Girija Institute of Polytechnic

(Run & Managed under Girija Memorial Welfare Trust)

At- Dohakatu, Ps- Ramgarh, District- Ramgarh, Jharkhand

Email - girjanchi@gmail.com

Mob.- 7763810001

Ref No GIP/ICC/053

Date 02/07/2022

Sub: - Establishment of internal complaint committee:-

Internal complaint committee is constituted which will be follows for prevention & sexual harassment.

Sl. No.	Name of the Committee Member	Mobile No.	E mail
01	PRIYANKA KUMARI	7488257891	pt9963835@gmail.com
02	RAHUL SHARMA	8210661836	rahuisharma.rs9572@gmail.com
03	SHAMBHAVI	8294575722	shambhavi.6452@gmail.com
04	MAMTA KUMARI	6200982096	mk1209@gmail.com
05	VIBHA KUMARI	8825187006	vibha.150290@gmail.com
06	MUKESH KUMAR SAW	6204509272	mukesh.ku1256@gmail.com
07	NAINA KUMARI	8261745783	nainakumrgh@gmail.com
08	AMAN KUMAR	8092538828	aman.aman854@gmail.com
09	MANDEEP KUMAR SINGH	7992474220	mksingh251997@gmail.com
10	RITESH RAUSHAN SINGH	8228990009	ritesh.raushansingh123@gmail.com

Sachin Kumar

Secretary

Secretary,

Girija Institute of Polytechnic

Village - Dohakatu, P.S. - Ramgarh, Dist. - Ramgarh, Jharkhand

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- Establishment of Committee for SC/ ST :Yes

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At- Dohakatu, Ps- Ramgarh, District- Ramgarh, Jharkhand

Email - gipranchi@gmail.com

Mob. 7763810001

Ref No. G.I.P./CC/055

Date 07/02/2022

Sub:-Establishment of committee for SC/ST

The SC/ST committee is established for prevention of atrocities which is as follows:

Sl.No.	Members	Category	Mobile No.	E mail
1	Dr. Deepak gupta	OBC	9264436711	gipranchi@gmail.com
2	Manish Kumar	SC	9263140661	manishkumarrs@rediffmail.com
3	VibhaKumari	OBC	8825187006	Kumariyibha5639@gmail.com
4	SurrendraRavidas	SC	8539975791	Surrendraravi967@gmail.com
5.	Narayan Karmali	ST	7903695326	Naran.dohakatu@gmail.com
6	Mahesh Karmali	ST	8240791479	Mahesh.chaturbali@gmail.com
7	ShishupalMahto	OBC	7903245981	shishupalmahto@gmail.com

Shishupal Mahto
Secretary

Secretary,
Girija Institute of Polytechnic
Village- Dohakatu, P.O.- Chhatpali
Ramgarh, Jharkhand

- Internal Quality Assurance Cell :Yes

Girija Institute of Polytechnic

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At- Dohakatu, Ps- Ramgarh, District- Ramgarh, Jharkhand

Email - gipranchi@gmail.com

Mob.- 7763810001

Ref No ..G.I.P./IQAC/051

Date ...03/02/2022

Sub: - Internal Quality Assurance Cell

The internal quality assurance cell is as follows:

Name of the Member	M. No	E mail
Dr. Deepak Gupta	9264436711	gipranchi@gmail.com
Rahul Sharma	8210661836	Rahulsharma.rs9572@gmail.com
Shambhavi	9031242992	Shambhavi.6452@gmail.com
Priyanka Kumari	7488257891	Pt9963835@gmail.com
Vicky kumar	7870932729	Vicky.mah8585@gmail.com
Kamlesh kumar	9430344707	kk.mechkam@gmail.com

S. Kumar

Secretary

Secretary,
Girija Institute of Polytechnic
Village Dohakatu, P.S. Ramgarh,
Ramgarh, Jharkhand

6. Programmes:-

a) Name of Programmes approved by AICTE:

- i. Mining Engineering
- ii. Civil Engineering
- iii. Electrical Engineering
- iv. Mechanical Engineering

b) Name of Programmes Accredited by NBA

: NA

c) Status of Accreditation of the Courses

: NA

- Total number of Courses : NA
- No. of Courses for which applied for Accreditation : NA
- Status of Accreditation – Preliminary/ Applied for SAR and results awaited/ Applied for SAR and visits completed/ Results of the visits awaited/ Rejected/ Approved forCourses : NA

d) For each Programme the following details are to be given:-

Name of Department	No. of Seats approved by AICTE	Course Duration	Fee	Placement Facility
Civil Engineering	60	3 year	36700/-	Yes
Electrical Engineering	60	3 year	36700/-	Yes
Mechanical Engineering	60	3 year	36700/-	Yes
Mining Engineering	60	3 year	36700/-	Yes

➤ **Campus placement in last three years with minimum salary, maximum salary and average salary:**

Minimum:

150,000/- per annum

Maximum:

252,000/- per annum

Average:

180,000/- per annum

7. FACULTY:-

➤ **List of Teaching Staff in Applied Science & Humanities:-**

Sl. NO.	Name	Designation
1	MRS. SHAMBHAVI	LECTURER
2	MR. AMAR KUMAR ROY	LECTURER
3	MR. PRABHAT KUMAR	LECTURER
4	MRS. RASHMI KUMARI	LECTURER
5	MR. ARYAN KUMAR VERMA	LECTURER
6	MR. AMRESH KUMAR	LECTURER
7	MR. SURENDRA RAVIDAS	LECTURER
8	MR. BEERPAL SINGH	LECTURER
9	MR. RAVINDRA JHA	LECTURER
10	MISS INDRANI BOSE	LECTURER

┌ **Permanent Faculty: Student Ratio: 1:25**

➤ **Civil Engineering Faculty list:-**

Sl. NO.	Name	Designation
1	MR. SURAJ KUMAR	LECTURER
2	MR. MITHUN KUMAR	LECTURER
3	MR.VICKY KUMAR MAHTO	LECTURER
4	MR. SUMIT SINGH	LECTURER
5	MR. SHISHUPAL MAHTO	LECTURER
6	BISHAL MAHTO	LECTURER
7	BEER BAHADUR	LECTURER
8	MR. JALESHWAR KARMALI	LECTURER
9	MR. UMESH KARMALI	LECTURER

Permanent Faculty: Student Ratio: 1: 25

➤ **Electrical Engineering Faculty list:-**

S.NO	Name	Designation
1	MRS. PRIYANKA KUMARI	LECTURER
2	MR. RAJU KUAMR RAY	LECTURER
3	MR. MANISH PASWAN	LECTURER
4	MR. VIKRAM KUMAR	LECTURER
5	MR. AKASH KUMAR	LECTURER
6	MRS. SNEHA KASHYAP	LECTURER
7	MRS. SONI KUMARI	LECTURER
8	MR. KRISHNA KUMAR	LECTURER

Permanent Faculty: Student Ratio: 1: 25

Mining Engineering Faculty list:-

S.NO	Name	Designation
1	MR. VIVEK SHARAN	LECTURER
2	MR. SUNIL KUMAR	LECTURER
3	MR. RAJIV SHRIVASTAVA	LECTURER
4	MR. ADITYA KUMAR	LECTURER
5	SAJAN KUMAR	LECTURER
6	MR. SOURAV KUMAR	LECTURER
7	AMIT KAUSHIK	LECTURER
8	BISHESHWAR BHAGAT	LECTURER
9	MR. PRAKASH RAM	LECTURER

Permanent Faculty: Student Ratio: 1: 25

Mechanical Engineering Faculty list:-

S.NO	Name	Designation
1	DR. DEEPAK GUPTA	PRINCIPAL
2	MR. SNEH SUMAN	LECTURER
3	MR. SNEH NAMAN	LECTURER

4	MR. RAHUL SHARMA	LECTURER
5	MR. MANDEEP KUMAR SINGH	LECTURER
6	MR. RUPESH KUMAR	LECTURER
7	MR. KAMLESH KUMAR	LECTURER
8	MR. RAHUL KUMAR	LECTURER
9	BUDH THAKUR	LECTURER
10	MR. NAGESHWAR KUMAR	LECTURER

Permanent Faculty: Student Ratio: 1: 25

- **Number of faculty employed during last three years:- 52+5**
- **Number of faculty left during last three years:- 09+2**

8. Profile of Principal:-

Name	Dr. Deepak Gupta
Date of Birth	03/01/1981
Unique id	754042793873
Education Qualifications	PhD
Work Experience	15
Area of Specialization	Mechanical Engineering
Courses taught at	UG/PG
No. of papers published in National/ International Journals/ Conferences	
Research Publications	

Profile of Faculty: <http://www.gippolytechnic.in>

9. FEE:-

- Details of fee, as approved by State Fee Committee, for the Institution.
- Time schedule for the payment of fee for the entire programme: June & December.
- No. of fee waivers granted with amount and name of students: NA
- No. of scholarship offered by institutions , duration and amount: NA
- Criteria foe fee waivers /scholarship: NA
- Estimated cost of boarding & lodging in hostels.

10. ADMISSION:-

- Number of seats sanctioned with the year of approval:-
Seats sanctioned: 240 & Year of approval: 2021-22
- Number of Students admitted under various categories each year in the last three years:
Annexure – II.
- Number of applications received during last two years for admission under Management
Quote and number admitted :**NIL**

11. ADMISSION PROCEDURE:-

- Mention the admission test being followed, name and address of the Test Agency and its URL (website): JCECEB, Science and Technology Campus, Namkum, Tupudana Road, Sirkha Toli Namkum Ranchi(<http://jceceb.jharkhand.gov.in/>).
- Number of seats allotted to different Test Qualified candidate separately (AIEEE/ CET (State conducted test/ University tests/ CMAT/ GPAT)/ Association conducted test):NA.

➤ **Calendar for admission against Management/vacant seats:-**

- Last date of request for applications: NA
- Last date of submission of applications: NA.
- Dates for announcing final results: NA
- Release of admission list (main list and waiting list shall be announced on the same day): NA.
- Date for acceptance by the candidate (time given shall in no case be less than 15 days) : NA
Last date for closing of admission : NA.
- Starting of the Academic session : **August**
- The waiting list shall be activated only on the expiry of date of main list: NA
- The policy of refund of the fee, in case of withdrawal, shall be clearly notified: As per AICTE Norms.

12. CRITERIA & WEIGHTAGES OF ADMISSION:-

- Describe each criteria with its respective weightages i.e. Admission Test, marks in qualifying examination etc. : marks in qualifying examination
- Mention the minimum level of acceptance, if any : 10marks
- Mention the cut-off levels of percentage and percentile score of the candidates in the admission test for the last three years :NA.
- Display marks scored in Test etc. and in aggregate for all candidates who were admitted :NA

13. LIST OF APPLICANTS:-

List of candidate whose applications have been received: **Annexure - III** along with percentile/percentage score for each of the qualifying examination in separate categories for open seats. List of candidate who have applied along with percentage and percentile score for Management quota seats.

14. RESULT OF ADMISSION UNDER MANAGEMENT SEAT/VACANT SEAT:-

- Composition of selection team for admission under Management Quota with the brief profile of members (This information be made available in the public domain after the admission process is over): NA.
- Score of the individual candidate admitted arranged in order & merit: NA.
- List of candidate who have been offered admission: as per Annexure-III.
- Waiting list of the candidate in order of merit to beoperative from the last date of joining of the first list candidate.
- List of the candidate who joined with in the date, vacancy position in each category before operation Of waiting list: NA.

15. INFORMATION OF INFRASTRUCTURE & OTHER RESOURCES AVAILABLE:-

- Number of Class Rooms and size of each:-

Room No.	Size of Room
13	81.60Sqm
46	80.02Sqm
50	80.02Sqm
57	80.02Sqm
62	82.69Sqm
63	82.69Sqm
65	82.69 Sqm
66	82.69 Sqm
111	77.25 Sqm
112	68.02 Sqm
113	68.02 Sqm
114	68.02 Sqm

- Number of Tutorial rooms and size of each:-

Room No.	Size of Room
14	41.38Sqm
47	40.05Sqm
72	40.05 Sqm
83	40.05 Sqm

- Number of Laboratories and size of each:-

Room No.	Size of Room
22	80.02Sqm
27	80.02 Sqm
28	80.02 Sqm
29	80.02 Sqm
31	80.02 Sqm
32	80.02 Sqm
33	80.02 Sqm

34	80.02 Sqm
48	80.02 Sqm
49	80.02 Sqm
56	80.02 Sqm
70	80.02 Sqm
71	80.02 Sqm
73	80.02 Sqm
74	80.02 Sqm
75	80.02 Sqm
80	80.02 Sqm
81	80.02 Sqm
82	80.02 Sqm
84	80.02 Sqm
85	80.02 Sqm
86	80.02 Sqm
87	80.02 Sqm
108	77.25 Sqm
109	77.25 Sqm
110	77.25 Sqm
115	68.02 Sqm
116	68.02 Sqm

- Number of Drawing Halls with capacity of each :1/167 sqm.
- Number of Computer Centers with capacity : 1 / 121computers
- Central Examination Facility, Number of rooms and capacity of each
- Barrier Free Built Environment for disabled and elderly persons: YES
- Occupancy Certificate: YES.
- Fire and Safety Certificate: YES.
- Hostel Facilities: YES.

➤ **Library:**

- Number of Library books : 3256
Titles : 462
Journals available : 29
- List of online National/ International journals
subscribed : NA
- E- library facilities : YES
- National Digital Library (NDL) : YES

➤ **Laboratory and Workshop:-**

- List of Major Equipment/Facilities in each Laboratory :

Civil Engineering:

Lab Name	Major Equipments
Geo-Technical Engineering	Pycnometer
	C.B.R Machine
	Direct Shear Test Machine
	Unconfined Shear Test Machine
	Hot Air Oven Machine
	Sand Pouring Cylinder
	Tri-axial Shear Test Apparatus
	Core Cutter Apparatus
	Permeability Test Apparatus
	Indian Standard Sieves (Set)
	Container(Aluminium)
	Spatuala Knife Edge

	Proctor Compaction Apparatus (Light)	
Building Material &Construction Lab	Hot Air Oven Machine	
	Slump Cone Apparatus	
	Le-Chatelier	
	Sieve Shaker Machine	
	Compressive Testing Machine	
	Vicat Apparatus	
	Compaction Factor Machine	
	Aggregate Impact Machine	
	I.S Seive	
	Los-Angle's Machine	
	Transportation Engineering Lab	Aggregate Crushing Valve Apparatus
		Thickness Gauge
Length Gauge		
Ring & Ball Apparatus With Full Accessories		
Survey Engineering	Auto Level With Stand	
	Dumpy Level With Stand	
	Electronics Theodolite With Full Setup	
	Vernier Theodolite With Full Setup	
	Plane Table Apparatus	
	Prismatic Compass With Setup	
	Cross Staff	
	Levelling Staffs	
	Optical Square With Setup	
	Trough Compass	
	Planimeter	

Environmental Engineering Lab	Treating Wastewater apparatus
	B.O.D. test
	C.O.D. test
	Phosphate in wastewater.
	Heavy metals determination - Chromium, Lead and Zinc. (Demonstration only)
Advance Surveying Lab	electronic distance meter
	total station
	subtense bar method.

Mechanical Engineering:

Fluid Mechanics and Machinery Lab	Pelton wheel, Reciprocating pump, Centrifugal pump, losses apparatus pressure measurement, Meacentric Apparatus
Strength of materials Lab	Rockwell, Brinell's, Impact testing, Tortion testing
Thermal Engg. Lab	Steafanboltzman,thermal conductivity of metal rod and model of boiler
Engineering Mechanics Lab	Parallelelogram, universal force table, Jib crane, screw jack

Power Engg. Lab.	Model of two stroke petrol engine	
	Model of two stroke diesel engine	
	Model of four stroke petrol engine	
	Model of four stroke diesel engine	
	Morse test on multi cylinder i.c engine	
Power Plant Engg. Lab.	Hydro electric power plants model	
	Steam power plants model	
	Gas turbine power plants model	
	Wind power plants model	
	Solar power plant	
Metrology and Quality Control	Surface plate, v-block, spirit level, combination se gauge, screw pitch gauge, radius gauge, vernier caliper, micrometer and slip gauges sine bar and slip gauges.	
	screw thread micrometer, screw pitch gauge.	
	dial indicator as a mechanical comparator	
Electronics Engg. Lab.	Semicondurtor diode apparatus	
	8085 Microprocessor (simple programming)	
Design of Machine Elements Lab	Cotter Joint, Knuckle Joint, Turn Buckle model	
	Bell Crank Lever, off-Set link, Arm of Pulley	
	Screw Jack, Toggle Jack	
	Helical Springs, screwed joints, Welded joints	
Alt. Source Energy Lab	photo voltaic cell	

Measurement and Automation Lab	Measurement of strain by using a basic strain gauge	
	Measurement of flow by using rotameter	
	Measurement of force & weight by using a load cell.	
Industrial Fluid Power Lab	sequencing circuit.	
	various hydraulic and pneumatic circuits	

Electrical Engineering:

Name Of The Laboratory	Major Equipments
Basic Electrical Lab	Cro 20 Mhz Dual Channel 2 Trace, Stepper Motor Controller Trainer, Kcl&Kvl With Aluminium Panel, Superposition Theorem Kit
Electrical Measurement Lab	Ac Energy Meter Single Phase And Three Phase , Ct Pt, Kelvin Bridge (With Dc Source 5 Amp), Single Phase Wattmeter
Electrical Instrumentation Lab	Pressure Measurement Trainer, Strain Gauge Using Load Cell, Lvd, Rtd
D.C. Machine Lab	Occ& External Characteristics Of DC Shunt Generator, Transformer Single Phase Core Type Air Cooled, Load Test On D.C. Series Motor, Speed Control Of D.C. Motor, Working Model Of Three Phase Transformer
Basic Electronics Lab	Pn-Junction Diode Characteristics Apparatus, Transistor Characteristics, Ce Amplifier (Frequency Response), Zener Diode Characteristics (Forward & Reverse)
Digital Electronics Lab	Logic Gate, 16 To 1 Multiplexer And 1 To 16 Demultiplexer, Encoder And Decoder Circuit, Analog To Digital Converter, 4 Bit Counter (Synchronous And Asynchronous)
Power System -Lab	Circuit protection
	Different types of load flows
	Determination of losses in cables
	Study of feeds and distributors
	Measurement of earth resistance and earthing for electrical

	Study of symmetric and asymmetric faults	
	Study of different circuit breaker	
Electrical Machine -II Lab	b) To reverse the direction of rotation of 3-phase IM.	
	To list different types of starters used for 3-phase IM .Identify & use the same to start & run 3-phase IM	
	To list & explain various starting methods of synchronous motor & applying one of them to start the synchronous motor. Plot V & inverted V curve of the same	
Power Electronics Lab	Transfer function of first and second order system	
	Study of transducers and characterization	
	Digital simulation of linear systems	
Control System Lab	Transfer function of first and second order system	
	Study of transducers and characterization	
	Digital simulation of linear systems	
Utilization of Electrical Energy Lab	Study of different types of Lamps (Incandescent Lamps. Halogen Lamps. - Low Pressure Mercury Vapour Lamps (Fluorescent Tube,- High Pressure Mercury Vapour Lamps. - Sodium Vapour Lamps. - Compact Fluorescent Lamps (C.F.L.), - Metal Halide Lamps, - LED Lamps, - Neon Signs	
	. Study of Types of elevator motors and elevator system	
Illumination Engineering Lab	Illumination by luxmeter.	
	Study the different lighting accessories required for varies types of lamps.	
Renewable Energy Sources Lab	Study of Wind Mills model	
	Study of Wind turbine generator model	
	Impact of Wind Speed on Turbine Generator model	
	Study of Wave Energy Generator model	

□ **Mining Engineering:**

Name Of The Laboratory	Major Equipments
Mine Surveying Lab	Dumpy level and Tilting level with Stands
	Prismatic Compass with Stand
	Optical Square
	Theodolite with Stand
	Auto Level with Stand
	Plane Table With Accessories and Stand
Geology Lab	Bronton Compass
	Polarized Microscope
	Set of Minerals
	Igneous Rock Specimen
	Sedimentary Rock Specimen
	Metamorphic Rock Specimen
Rock Engineering & Ground Control Lab	Plastic Limit Test
	Liquid Limit Device with Counter
	Shrinkage Limit Set
	Permeability Apparatus
	Soil Permeability
	Tensile Strength Tester
Mine Ventilation Lab	Whirling Hygrometer
	Kata Thermometer
	Vane Anemometer
	Axial flow fan
Mining Machinery -II	Demonstration of different models of safety devices uses on rope haulage
	Study of Rope splicing

	method	
	Identification of different types of Electrical power cables used in mine	
Mine Environment Lab	Demonstration of various portable fire extinguishers.	
	Demonstration of Self- contained closed ckt compressed oxygen breathing apparatus (B.G 1 74).	
	Demonstration of Filter Self -Rescuer	

Computing Facilities

- i. Internet Bandwidth : 100 Mbps
ii. Number and configuration of System :

Total System	161
RAM	4 GB
Processor	Intel Core i3
Hard Disk	500 GB

- iii. Total number of system connected by LAN : 161
iv. Total number of system connected by WAN : 1
v. Major software packages available :

Microsoft Windows 10 Pro: Yes
Microsoft Office: Yes
Quick Heal Antivirus: Yes
Microsoft windows Server 2012 R2
MS Windows Server CAT 2012
Adobe Master Collection

- vi. Special purpose facilities available :Server

- Innovation Cell** : NA
 Social Media Cell : Yes

List of facilities available

- Games and Sports Facilities : Yes
Extra-Curricular Activities : Yes
Soft Skill Development Facilities : Yes

Teaching Learning Process

- i. Curricula and syllabus for each of the programmes : Yes
as approved by the University
- ii. Academic Calendar of the University :Yes
- iii. Academic Time Table with the name of the Faculty : Yes
members handling the Course
- iv. Teaching Load of each Faculty

➤ Teaching Load of each Faculty

Applied Science & Humanities :

S.NO	Name	Teaching Load(in hours/week)
1	MRS. SHAMBHAVI	08
2	MR. AMAR KUMAR ROY	10
3	MR. PRABHAT KUMAR	14
4	MRS. RASHMI KUMARI	08
5	MR. ARYAN KUMAR VERMA	08
6	MR. AMRESH KUMAR	08
7	MR. SURENDRA RAVIDAS	08
8	MR. BEERPAL SINGH	10
9	MR. RAVINDRA JHA	08
10	MS. INDRANI BOSE	08

GIRIJA INSTITUTE OF POLYTECHNIC

ROUTINE OF 1 st SEMESTER & Year-I (2019-22)				Minimum 75% Attendance Needed				
Time	BRANCH	9:30 A.M -10:30 A.M	10:30 A.M-11:30 A.M	11:30 A.M-12:30 P.M	12:30 P.M 1:00 P.M	1:00 P.M-2:00 P.M	2:00 P.M-3:00 P.M	3:00 P.M-4:00 P.M
Day		1	2	3		4	5	6
MON	MINING	COMM. SKILLS (L)	ELEMENTS OF MINING TECH (P)		L U N C H B R E A K	PHYSICS LAB (P)		ENGG.MATH (L)
	MECH/CE/ELEC	ENGG. PHY (L)	FUNDAMENTAL OF COMP (L)	COMM. SKILLS (L)		CHEMISTRY LAB (P)		ENGG.GRAPHICS (L)
TUE	MINING	ENGG. PHY (L)	WORK SHOP (P)			CHEMISTRY LAB (P)		ENGG.GRAPHICS (L)
	MECH/CE/ELEC	ENGG.MATH (L)	FUNDAMENTAL OF COMP (P)			PHYSICS LAB (P)		FUNDAMENTAL OF COMP (L)
WED	MINING	ENGG.MATH (L)	FUNDAMENTAL OF COMP (L)	ENGG. CHE (L)		FUNDAMENTAL OF COMP (P)		ELEMENTS OF MINING TECH (L)
	MECH/CE/ELEC	ENGG. PHY (L)	COMMUNICATION SKILLS (P)			WORK SHOP (P)		ENGG. CHE (L)
THU	MINING	ENGG. CHE (L)	MINING SURVEY (P)			ELEMENTS OF MINING GEO (P)		LIBRARY
	MECH/CE/ELEC	COMM. SKILLS (L)	ENGG.MATH (L)	LIBRARY		ENGG.GRAPHICS (P)		ENGG. PHY (L)
FRI	MINING	MINING SURVEY (L)	ENGG.GRAPHICS (P)			ENGG. PHY (L)	ELEMENTS OF MINING GEO (L)	ELEMENTS OF MINING TECH (L)
	MECH/CE/ELEC	COMM. SKILLS(L)	ENGG. CHE(L)	ENGG.MATH(L)		WORK SHOP (P)		ENGG.GRAPHICS (L)
SAT	MINING	MINING SURVEY (L)	COMM. SKILLS (L)	ELEMENTS OF MINING GEO (L)		FUNDAMENTAL OF COMP (L)	PROFESSIONAL PRACTICE (P)	
	MECH/CE/ELEC	ENGG. CHE (L)	ENGG.GRAPHICS (P)			ENGG.MATH (T)	SEMINAR & CULTURAL VISIT	

Civil Engineering:

S.NO	Name	Teaching Load(in hours/week)
1	MR. SURAJ KUMAR	08
2	MR. MITHUN KUMAR	08
3	MR.VICKY KUMAR MAHTO	08
4	MR. SHISHUPAL MAHTO	10
5	BISHAL MAHTO	08
6	BEER BAHADUR	10
7	MR. UMESH KARMALI	08
8	MR. JALESHWAR KARMALI	08
9	MR. SUMIT SINGH	08

GIRIJA INSTITUTE OF POLYTECHNIC

Routine of Sem- IV, Branch: Civil (2018-21)				Minimum 75% Attendance Required			
Time	9:30 A.M - 10:30 A.M	10:30 A.M-11:30 A.M	11:30 A.M-12:30 P.M	12:30 P.M 1:00 P.M	1:00 P.M-2:00 P.M	2:00 P.M-3:00 P.M	3:00 P.M-4:00 P.M
Day	1	2	3		4	5	6
MON	TE (MK) RN	TOS (VKM) RN	CT (VKM) RN	L U N C H	PP (AKR) RN	TE Lab (MK) Lab	
TUE	Hydraulics (MK) RN	CT Lab (VKM) Lab			PP (AKR) RN	SCA	
WED	TOS (VKM) RN	Geo Tech. (SK) RN	TE (MK) RN		Hydraulics (MK) RN	Geo Tech. Lab (SK) Lab	
THU	Hydraulics (MK) RN	Library	Geo Tech. (SK) RN		CT (VKM) RN	Hydraulics Lab (MK) Lab	
FRI	TE (MK) RN	PP (AKR) RN	TOS (VKM) RN		Library	Geo Tech. Lab (SK) Lab	
SAT	PP (AKR) RN	Geo Tech. (SK) RN	CT (VKM) RN		TOS (VKM) RN	SCA	



PRINCIPAL
 GIRIJA INSTITUTE OF POLYTECHNIC
 DOHAKATU, CHUTTUPALU, RAMGARH

Electrical Engineering Faculty list:

S.NO	Name	Teaching Load(in hours/week)
1	MRS. PRIYANKA KUMARI	08
2	MR. RAJU KUAMR RAY	08
3	MR. MANISH PASWAN	08
4	MR. VIKRAM KUMAR	08
5	MR. AKASH KUMAR	10
6	MRS. SNEHA KASHYAP	08
7	MRS. SONI KUMARI	10
8	MR. KRISHNA KUMAR	09

GIRIJA INSTITUTE OF POLYTECHNIC

Routine of Sem- IV, Branch: Electrical (2018-21)				Minimum 75% Attendance Required			
Time	9:30 A.M -10:30 A.M	10:30 A.M-11:30 A.M	11:30 A.M-12:30 P.M	12:30 P.M	1:00 P.M-2:00 P.M	2:00 P.M-3:00 P.M	3:00 P.M-4:00 P.M
Day	1	2	3	1:00 P.M	4	5	6
MON	NT (RKT) RN	EM-I (PK) RN	DCM (MKP) RN	L U N C	PP (AKR)	EM-I Lab. (Md. Azhar)	
TUE	PS-I (PK) RN	EE&C (MKP) RN	DCM (MKP) RN		PP (AKR)	SCA	
WED	EE&C (MKP) RN	PS-I (PK) RN	DCM (MKP) RN		NT (RKT) RN	NT Lab. (Md. Azhar)	
THU	EM-I (PK) RN	Library	EE&C (MKP) RN		PS-I (PK) RN	DC&M Lab. (MKP)	
FRI	EM-I (PK) RN	PP (AKR)	NT (RKT) RN		Library	Elect. Workshop (Md. Azhar)	
SAT	PP (AKR)	Elect. Workshop (Md. Azhar)			SCA		


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Mining Engineering Faculty list:


S.NO	Name	Teaching Load(in hours/week)
1	MR. VIVEK SHARAN	10
2	MR. SUNIL KUMAR	10
3	MR. RAJIV SHRIVASTAVA	10
4	MR. ADITYA KUMAR	10
5	SAJAN KUMAR	10
6	MR. SOURAV KUMAR	08
7	AMIT KAUSHIK	08
8	BISHESHWAR BHAGAT	08
9	MR. PRAKASH RAM	08

GIRIJA INSTITUTE OF POLYTECHNIC, DOHAKATU RAMGARH

ROUTINE AND TIME TABLE of 2nd YEAR, BRANCH- MINING (BATCH-2018-21)

oAyS/T|Emf «,Ow^v- :n.,0nv iosu^v, :.owAv ;;,one iz 3a^m „.w>zv ,ar <v ,zc Pa z :; nv >>o>v a zcre z :o no ^-oo en

MONDAY	Mining Methods (L) <i>VS</i>	Mining Machinery-I (L)	Mine Surveying II (L)		Mine Ventilation (P)
TUESDAY	Mine Ventilation (L) <i>NF</i>	Engineering Mechanics (L) <i>PK</i>	Mine Surveying II (L) <i>SK</i>		Practical Training Project-I (P) Economics & Field Geology (P)
WEDNESDAY	Mining Methods (L)	Mine Ventilation (L)	Economics & Field Geology (L)	C	Environment Studies (L)
THURSDAY	Engineering Mechanics (L)	GIS Auto CAD in	Geology (L)	B	Environment Studies (L) Rock Engineering & Ground Control (P)
FRIDAY	Mining Machinery-I (L)	Mining Methods (L) <i>VS</i>	Rock Engineering & Ground Control (L) <i>VS</i>	E	Development of Generic Skills & Professional Practices (P)
SATURDAY	Rock Engineering & Ground Control	Economics & Field Geology (P)		K	Engineering Mechanics (P)

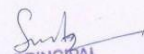

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 DOHAKATU, CHUTTIPALU RAMGARH

☐ Mechanical Engineering Faculty list:

S.NO	Name	Teaching Load(in hours/week)
1	DR. DEEPAK GUPTA	08
2	MR. SNEH SUMAN	08
3	MR. SNEH NAMAN	08
4	MR. RAHUL SHARMA	08
5	MR. MANDEEP KUMAR SINGH	08
6	MR. RUPESH KUMAR	10
7	MR. KAMLESH KUMAR	08
8	MR. RAHUL KUMAR	08
9	BUDH THAKUR	08
10	MR. NAGESHWAR KUMAR	08

GIRIJA INSTITUTE OF POLYTECHNIC

Routine of Sem- IV, Branch: Mechanical (2018-21)				Minimum 75% Attendance Required				
Time	9:30 A.M -10:30 A.M	10:30 A.M-11:30 A.M	11:30 A.M-12:30 P.M	12:30 P.M	1:00 P.M-2:00 P.M	2:00 P.M-3:00 P.M	3:00 P.M-4:00 P.M	
Day	1	2	3	1:00 P.M	4	5	6	
MON	TE (RKS)	MT (JA)	TOM (SSP)	L U N	PP (AKR)	EE LAB (RK)		
TUE	FM (RKS)	TE (RKS)	EE (RK)		PP (AKR)	SCA		
WED	EE (RK)	MT (JA)	TOM (SSP)		FM (RKS)	MT LAB. (JA)		
THU	FM (RKS)	Library	TOM (SSP)		TE (RKS)	FM LAB. (RKS)		
FRI	EE (RK)	PP (AKR)	MT (JA)		Library	TE LAB. (RKS)		
SAT	PP (AKR)	TOM LAB.			SCA			


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- v. Internal Continuous Evaluation System and place :
vi. Student's assessment of Faculty, System in place :

Special Purpose:

- i. Software, all design tools in case :NA
ii. Academic Calendar and framework :NA

16. ENROLLMENT DETAIL OF STUDENT :-

Branch		2020-21	2019-20	2018-19
Mechanical Engg.	Year Wise Sanctioned Intake	60	60	60
	Year Wise Actual Admission	30	28	12
	No. of Fee Waivers offered	01	01	02
Civil Engg.	Year Wise Sanctioned Intake	60	60	60
	Year Wise Actual Admission	21	14	11
	No. of Fee Waivers offered	00	00	00
Mining Engg.	Year Wise Sanctioned Intake	60	60	60
	Year Wise Actual Admission	51	26	46
	No. of Fee Waivers offered	00	00	00
Electrical Engg.	Year Wise Sanctioned Intake	60	60	60
	Year Wise Actual Admission	46	43	13
	No. of Fee Waivers offered	00	00	00

• **Placement details of students in the last 3 years:**

In session 2020-21:

Mechanical Engg. – 15 students

Civil Engg.- 10 students

Electrical Engg.- 14 students

Mining Engg.: 16 students

17. LIST OF RESEARCH PROJECTS/ CONSULTANCY WORKS:-

• **MoUs with Industries:**

1. Jharkhand Government MSME ToolRoom

Address: Tatisilwai Industrial Area, Phase-1, ranchi-835103

2. Jonson & Nilson Private Limited

Address: Ranchi, Jharkhand- 835222

3. Usha Martine

Address: Tatisilwai, Ranchi- 835103

4. Pankaj Industries

Address: Ramgarh, Jharkhand- 829122

5. S.N.L Bearing Pul Limited

Address: Ratu Road, Ranchi- 835222

6. STEEL AUTHORITY OF INDIA LTD.

BOKARO STEEL PLANR

Address: Bokaro Steel City - 827001

18. LoA and subsequent EoA till the current Academic Year:

<http://www.gippolytechnic.in>

19. Accounted audited statement for the last three years: Annexure-IV

20. Best Practices adopted, if any

Annexure I

