



MANDATORY DISCLOSURE

GIRIJA INSTITUTE OF POLYTECHNIC

Village- Dohakatu, Ramgarh –835219

1. Name of the Institution

GIRIJA INSTITUTE OF POLYTECHNIC

Village : Dohakatu
City & Pin Code : Ramgarh, 835219
State/UT : Jharkhand
Phone No. With STD Code : 9264436711
E-mail : gipranchi@gmail.com

2. Name and address of the Trust

GIRIJA MEMORIAL WELFARE TRUST

Address of the Trust : Dohakatu, Ramgarh-835219, Jharkhand

3. Name and Address of the Principal

Name of the Principal : Dr. Deepak Gupta
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 Sneha Suman	Chairperson
2. Smt Bandana Kumari	Chief Managing Trustee
3. Shri Sneha 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 2022

- 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. Deepak Gupta | -Nodal Officer |
| ii. | Rahul Sharma | -Member |
| iii. | Miss Shambhavi | -Member |
| iv. | Miss Punam Kumari | -Member |
| v. | Miss Anamika Kumari | -Member |
| vi. | Ajeet Kumar | - Member |
| vii. | Amit Thakur | -Student |
| viii. | Nitu Singh Bhogta | - 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 - glpranchi@gmail.com

Mob.- 7763810001

Ref No G.I.P./REC/03-05

Date 04.1.2024

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 PUNAM KUMARI	Member	9162989154
05	MISS ANAMIKA KUMARI	Member	7004815839
06	AJEET KUMAR	Member	8470827401
07	AMIT THAKUR	Student	6201486653
08	NITU SINGH BHOGTA	Student	8252036022

Sneha Naman
Secretary
Girija Institute of Polytechnic
Village- Dohakatu, P.O.- Chuttupalu
Ramgarh, Jharkhand

- Establishment of Anti Ragging Committee: Yes

Girija Institute of Polytechnic

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

Email - glpranchi@gmail.com

Mob.- 7763810001

Ref No G.I.P./.../ANRG/03-01

Date 03/01/2024

Sub: - Anti-Ragging Committee

- These regulations may be called the All India Council for Technical Education (Prevention and Prohibition of Ragging in Technical Institution).
- 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.

Such Name

Secretary

Girija Institute of Polytechnic
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Ramgarh, Jharkhand

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. Uma Shankar Sinha, G.I.P Ramgarh-Member- Coordinator
2. Rahul Sharma, Lecturer, G.I.P. Ramgarh-Member
3. Vicky Kumar, Lecturer, G.I.P. Ramgarh-Member
4. Miss Punam Kumari, Lecturer, G.I.P. Ramgarh-Member
5. Miss Anamika Kumari, Lecturer - G.I.P, 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.

Snch naman
Secretary
Girija Institute of Polytechnic
Village- Dohakatu, P.O - Chuttupaiu
Ramgarh, Jharkhand

Anti-Ragging Squad

1. Uma Shankar Sinha -G.I.P, Ramgarh
2. Rahul sharma, Lecturer-G.I.P Ramgarh
3. Lalan Singh, Sub-Inspector- Ramgarh
4. Dilip Kumar Singh, Media Reporter- Ramgarh
5. Kalawati Devi, Mukhiya, Gram Panchyat Dohakatu-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 fresher's - 2

One mentor for six fresher

Sach Nandan
Secretary

Secretary
Girja Institute of Polytechnic
Village- Dohakatu, P.O.- Chuttupalu
Ramgarh, Jharkhand

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

GirjaInstituteofPolytechnic

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Email - gipranchi@gmail.com

No-9264-06711

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This is to certify that GirjaInstitute of Polytechnic,

Dohakatu,RamgarhhasonlineOmbudsmanmechanismonitswebsite.

Secretary,
Girja Institute of Polytechnic
Village- Dohakatu, P.O.-Chhijipai
Ramgarh, Jharkhand

- Establishment of Internal Complain Committee: Yes

Girija Institute of Polytechnic

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

Email - glpranchi@gmail.com

Mob.- 7763810001

Ref No GIP/EICC/03-04

Date 03/01/2024

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	UMA SHANKAR SINHA	9899557362	usinha88@gmail.com
02	RAHUL SHARMA	8210661836	rahulsharma.rs9572@gmail.com
03	PUNAM KUMARI	7488257891	punamdoha92@gmail.com
04	NITU SINGH BHOGTA	8252036022	kumarineetu.bhogta@gmail.com
05	ADITI KUMARI	9801169691	aditipathak.2000@gmail.com
06	LOVELY KUMARI	9264414151	Lobelygirl2000@gmail.com
07	ROSHAN KUMAR	8225865451	roshanraj.ak@gmail.com
08	UJJWAL PANDEY	7992343014	pandey.laxman1992@gmail.com
09	SANDEEP KUMAR	8709160541	sandeephuda.kr62@gmail.com
10	RITESH RAUSHAN SINGH	8228990009	Riteshraushansingh1239@gmail.com

Sneek Noman

Secretary

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Email - gipranchi@gmail.com

Mob.- 7763810001

Ref No G.I.P./ST-SC/03-02

Date 03/01/2024

Sub:-Establishment of committee for SC/ST.

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

Sl.No.	Members	Category	E mail
1	Dr. Deepak gupta	OBC	gipranchi@gmail.com
2	Manish Paswan	SC	manishkumarr@rediffmail.com
3	Aditi Kumari	OTHER	aditipathak.2000@gmail.com
4	Surrendra Ravidas	SC	Surendraravi987@gmail.com
5	Narayan Karmali	ST	Narayan.dohakatu@yahoo.com
6	Mahesh karmali	ST	mahesh.chutupalu@gmail.com
7	Ajit Kumar	SC	Ajitkumar.scak1992@gmail.com

Such Nona

Secretary

Secretary

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

- InternalQualityAssuranceCell:Yes

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

Email - glpranchi@gmail.com

Mob.- 7763810001

Ref No G.I.P./REC/D/03-05

Date 04.11.2024

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
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07	AMIT THAKUR	Student	6201486653
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Email - gipranchi@gmail.com

Mob.- 7763810001

Ref No G.I.P./QASC/03-03

Date 04.01.2024

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
Punam Kumari	9162989154	Punamdoha92@gmail.com
Vicky kumar	7870932729	Vicky.mah8585@gmail.com
Ajeet kumar	8470827401	ajeetdos@gmail.com

Sneh Naman

Secretary

Secretary

Girija Institute of Polytechnic
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Ramgarh, Jharkhand

6. Programmes:-

a) Name of Programmes approved by AICTE:

- i. MiningEngineering
- ii. CivilEngineering
- iii. ElectricalEngineering
- iv. MechanicalEngineering
- iv. Computer
Science
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	38000/-	Yes
Electrical Engineering	60	3 year	38000/-	Yes
Mechanical Engineering	60	3 year	38000/-	Yes
Mining Engineering	60	3 year	38000/-	Yes
Computer science engg.	60	3 year	38000/-	Yes

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

Minimum: 162,000 per annum

Maximum: 285,000/- per annum

Average: 190,000/- 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. UMA SHANKAR	LECTURER
6	MR. AMRESH KUMAR	LECTURER
7	MR. SURENDRA RAVIDAS	LECTURER
8	MR. BEERPAL SINGH	LECTURER
9	MR. RABINDRA JHA	LECTURER
10	MR. PRASHANT KUMAR TIWARI	LECTURER

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

➤ Civil Engineering Faculty list:-

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

Permanent Faculty: Student Ratio:1:25

➤ **Electrical Engineering Faculty list:-**

S.NO	Name	Designation
1	MR. RAJU KUAMR RAY	LECTURER
2	MR. MANISH PASWAN	LECTURER
3	MRS. SNEHA KASHYAP	LECTURER
4	MRS. SONI KUMARI	LECTURER
5	MR. KRISHNA KUMAR	LECTURER
6	MS. PUNAM KUMARI	LECTURER
7	MS. ANAMIKA KUMARI	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. SAJAN KUMAR	LECTURER
5	MR. BISHESHWAR BHAGAT	LECTURER
6	MR. PRAKASH RAM	LECTURER
7	MR. KUNAL KUMAR	LECTURER
8	MR. SURENDRA KUMAR	LECTURER
9	MR. SOURAV KUMAR	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. KAMLESH KUMAR	LECTURER
7	BUDH THAKUR	LECTURER
8	MR. RAJ SAGAR	LECTURER
9	MR. AJIT KUMAR	LECTURER
10	MR. AJEET KUMAR	LECTURER

Permanent Faculty: Student Ratio:1:25

- Number of faculty employed during last three years:-59

- Number of faculty left during last three years:-15

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 for 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:2022-23
- 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 Quota 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 : marks in qualifying examination weightage. Admission Test, marks in Qualifying examination etc.
- Mention the minimum level of acceptance, if any :10marks
- Mention the cut-off level so percentage and percentiles core 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 be operative 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:
-

➤ **Library:**

- Number of Library books 3800
Titles 697
Journals available 53
- List of online National/InternationalJournals
Subscribed :NA
- E-Library facilities :YES

Laboratory and Workshop

List of Major Equipment/Facilities in each

CivilEngineering:

LabName	MajorEquipments
Geo- TechnicalEngi neering	Pycnometer
	C.B.RMachine
	DirectShearTestMachine
	UnconfinedShearTestMachine
	HotAirOvenMachine
	SandPouringCylinder
	Tri-axialShearTestApparatus
	CoreCutterApparatus
	PermeabilityTestApparatus
	IndianStandardSieves(Set)
	Container(Aluminium)
	SpatulaKnifeEdge

	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. Sieve
	Los-Angeles Machine
Transportation Engineering Lab	Aggregate Crushing Value 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, Metacentric Apparatus
Strength of materials Lab	Rockwell, Brinell's, Impact testing, Torsion testing
Thermal Engg. Lab	Stefan Boltzmann, thermal conductivity of metal rod and model of boiler
Engineering Mechanics Lab	Parallellogram, universal force table, Jib crane, screw jack

PowerEngg.Lab.	Modeloftwostrokepetrolengine	
	Modeloftwostrokedieselengine	
	Modeloffourstrokepetrolengine	
	Modeloffourstroke dieselengine	
	Morsetestonmulticylinder i.cengine	
Power Plant Engg.Lab.	Hydroelectricpowerplantsmodel	
	Steampowerplantsmodel	
	Gasturbinepowerplantsmodel	
	Windpowerplantsmodel	
	Solarpowerplant	
Metrology and QualityControl	Surfaceplate,v- block,spritlevel,combination se gauge, screwpitch gauge, radius gauge,vernier caliper, micrometerandslipgauges sinebar andslipgauges.	
	screw thread micrometer, screw pitchgauge.	
	dial indicator as a mechanicalcomparator	
ElectronicsEngg.Lab.	Semicondurtor diodeapparatus	
	8085 Microprocessor(simpleprog ramming)	
Design of MachineElements Lab	CotterJoint,KnuckleJoint,TurnBucklemodel	
	Bell Crank Lever, off-Set link, Arm ofPulley	
	ScrewJack,ToggleJack	
	Helical Springs, screwed joints,Weldedjoints	
Alt.SourceEnergyLab	photovoltaiccell	

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, Ctp, 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, Cea 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 feeders and distributors	
	Measurement of earth resistance and earthing for electric	

	al	
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	Study of symmetric and asymmetric faults	
	Study of different circuit breaker	
Electrical Machine-III 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 various 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	

□ **MiningEngineering:**

Name Of TheLaborat ory	MajorEquipments
MineSurveyingLab	Dumpylevel andTiltinglevelwithStands
	PrismaticCompasswithStand
	OpticalSquare
	TheodolitewithStand
	AutoLevelwithStand
	PlaneTableWithAccessoriesandStand
GeologyLab	BrontonCompass
	PolarizedMicroscope
	SetofMinerals
	IgneousRockSpecimen
	SedimentaryRockSpecimen
	MetamorphicRockSpecimen
Rock Engineering &GroundControl Lab	PlasticLimitTest
	LiquidLimit DevicewithCounter
	ShrinkageLimitSet
	PermeabilityApparatus
	Soil PermeabilityTensileStr engthTester
	LateralExtensometerModel
MineVentilationLab	WhirlingHygrometer
	KataThermometer
	VaneAnemometer
	Axialflowfan
MiningMachinery-II	Demonstration ofdifferent models ofsafetydevices uses onropehaulage

	StudyofRopesplicing	
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	method	
	Identification of different types of Electrical power r cables used in mine	
	Demonstration of various portable fire extinguishers.	
Mine Environment Lab	Demonstration of Self- contained closed circuit compressed oxygen breathing apparatus (B.G 174).	
	Demonstration of Filter Self -Rescuer	

☐ **Computing Facilities**

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

Total System	161
RAM	4GB
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

GIRJA 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 - 2:30 P.M	2:30 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 (I)	ELEMENTS OF MINING TECH (I)		L U N C H B R E A K	PHYSICS LAB (I)		ENGG. MATH (I)	
	MECH/CE/ELEC	ENGG. PHY (I)	FUNDAMENTAL OF COMP (I)	COMM. SKILLS (I)		CHEMISTRY LAB (I)		ENGG. GRAPHICS (I)	
TUE	MINING	ENGG. PHY (I)	WORK SHOP (I)			CHEMISTRY LAB (I)		ENGG. GRAPHICS (I)	
	MECH/CE/ELEC	ENGG. MATH (I)	FUNDAMENTAL OF COMP (I)			PHYSICS LAB (I)		FUNDAMENTAL OF COMP (I)	
WED	MINING	ENGG. MATH (I)	FUNDAMENTAL OF COMP (I)	ENGG. CHE (I)		FUNDAMENTAL OF COMP (I)		ELEMENTS OF MINING TECH (I)	
	MECH/CE/ELEC	ENGG. PHY (I)	COMMUNICATION SKILLS (I)			WORK SHOP (I)		ENGG. CHE (I)	
THU	MINING	ENGG. CHE (I)	MINING SURVEY (I)			ELEMENTS OF MINING GEO (I)		LIBRARY	
	MECH/CE/ELEC	COMM. SKILLS (I)	ENGG. MATH (I)	LIBRARY		ENGG. GRAPHICS (I)		ENGG. PHY (I)	
FRI	MINING	MINING SURVEY (I)	ENGG. GRAPHICS (I)			ENGG. PHY (I)	ELEMENTS OF MINING GEO (I)		ELEMENTS OF MINING TECH (I)
	MECH/CE/ELEC	COMM. SKILLS (I)	ENGG. CHE (I)	ENGG. MATH (I)		WORK SHOP (I)		ENGG. GRAPHICS (I)	
SAT	MINING	MINING SURVEY (I)	COMM. SKILLS (I)	ELEMENTS OF MINING GEO (I)		FUNDAMENTAL OF COMP (I)	PROFESSIONAL PRACTICE (I)		
	MECH/CE/ELEC	ENGG. CHE (I)	ENGG. GRAPHICS (I)			ENGG. MATH (I)	SEMINAR & CULTURE & LEADERSHIP SKILLS		

☐ 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

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-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 (MK) RN	EOS (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
 BOHAKATI, CHUTTUPALLE, RANGAREDDY

□ **ElectricalEngineeringFacultylist:**

S.NO	Name	TeachingLoad(inhours/week)
1	MR. RAJU KUAMR RAY	08
2	MR. MANISH PASWAN	08
3	MR. VIKRAM KUMAR	08
4	MR. AKASH KUMAR	10
5	MRS. SNEHA KASHYAP	08
6	MRS. SONI KUMARI	10
7	MR. KRISHNA KUMAR	09
8	MS. ANAMIKA KUMARI	08
9	MS. PUNAM KUMARI	08

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	4:00 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 (M.E. Ashar)	
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 (M.E. Ashar)	
THU	EM-I (PK) RN	Library	EE&C (MKP) RN		PS-I (PK) RN	DCM Lab (MKP)	
FRI	EM-I (PK) RN	PP (AKR)	NT (RKT) RN		Library	Elect. Workshop (M.E. Ashar)	
SAT	PP (AKR)	Elect. Workshop (M.E. Ashar)			SCA		


 PRINCIPAL
 GIRIJA INSTITUTE OF POLYTECHNIC
 DONNAUTU, CHUTTURU, BANGALORE

□ **MiningEngineeringFacultylist:**

S.NO	Name	TeachingLoad(inhours/week)
1	MR. VIVEK SHARAN	10
2	MR. SUNIL KUMAR	10
3	MR. RAJIV SHRIVASTAVA	10
4	MR. SAJAN KUMAR	10
5	MR. BISHESHWAR BHAGAT	08
6	MR. PRAKASH RAM	08
7	MR. KUNAL KUMAR	08
8	MR. SURENDRA KUMAR	08

GIRIJAINSTITUTE OFPOLYTECHNIC,DOHAKATURAMGARH

ROUTINE AND TIME TABLE OF 2ND YEAR BRANCH- MINING [BATCH-2018-21]

oAyS/T|Emf «,Ow^v-.n.,0nviosu^v,.owAv;;,oneiz3a^m,,w>rv,ar<v,zcPaz::nv>>o>vazczrez:ono^-ooen

MONDAY	Mining Methods (L)	Mining Machinery (L)	Mining Machinery II (L)		Mining Ventilation (P)
TUESDAY	Mining Ventilation (L)	Engineering Mechanics (L)	Mining Machinery II (L)	Professional Training Project (P)	Economics & Field Geology (P)
WEDNESDAY	Mining Methods (L)	Mining Ventilation (L)	Economics & Field Geology (L)	C	Environment Studies (L)
THURSDAY	Engineering Mechanics (L)	Rock Engineering & Ground Control (L)	Environment Studies (L)		Rock Engineering & Ground Control (P)
FRIDAY	Mining Machinery (L)	Mining Methods (L)	Rock Engineering & Ground Control (L)	E	Development of Generic Skills & Professional Practices (P)
SATURDAY	Rock Engineering & Ground Control (L)	Economics & Field Geology (P)			Engineering Mechanics (P)

Principal
GIRIJAINSTITUTE OF POLYTECHNIC,
DOHAKATURAMGARH

❑MechanicalEngineeringFacultylist:

S.NO	Name	TeachingLoad(inhours/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. KAMLESH KUMAR	08
7	BUDH THAKUR	08
8	MR. RAJ SAGAR	08
9	MR. AJIT KUMAR	08
10	MR. AJEET 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	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	7
MON	TE (RKS)	MT (JAY)	TOM (SSP)	PP (AKR)	TE LAB (RR)		
TUE	PM (RRS)	TE (RKS)	EE (RR)	PP (AKR)		SCA	
WED	EE (RR)	MT (JAY)	TOM (SSP)	PM (RKS)	MT LAB (JAY)		
THU	PM (RKS)	Library	TOM (SSP)	TE (RRS)	PM LAB (RKS)		
FRI	EE (RR)	PP (AKR)	MT (JAY)	Library	TE LAB (RRS)		
SAT	PP (AKR)		TOM LAB			SCA	

S. K. Singh
PRINCIPAL
GIRIJA INSTITUTE OF POLYTECHNIC
SOHRAWATI, DAVITTUPUR, RAMGARH

- 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	2021-22	2022-23
Mechanical Engg.	Year Wise Sanctioned Intake	60	60	60
	Year Wise Actual Admission	30	28	44
	No. of Fee Waivers offered	01	01	00
Civil Engg.	Year Wise Sanctioned Intake	60	60	60
	Year Wise Actual Admission	21	15	12
	No. of Fee Waivers offered	00	00	00
Mining Engg.	Year Wise Sanctioned Intake	60	60	60
	Year Wise Actual Admission	51	53	41
	No. of Fee Waivers offered	00	00	00
Electrical Engg.	Year Wise Sanctioned Intake	60	60	60
	Year Wise Actual Admission	46	42	51
	No. of Fee Waivers offered	00	01	00

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

Mechanical Engg. – 25 students

Civil Engg.-12 students

Electrical Engg.- 18 students

MiningEngg.: 21 students

17. LIST OF RESEARCH PROJECTS / CONSULTANCY WORKS:-

• **MoUs with Industries:**

- Jharkhand Government MSME Tool Room**
Address: Tatisilwai, IndustrialArea,Phase-1,ranchi-835103
- Jonson & Niclson Private Limited**
Address: Ranchi,Jharkhand-835222
- Usha Martine**
Address:Tatisilwai,Ranchi-835103
- Pankaj Industries**
Address: Ramgarh,Jharkhand-829122
- S.N.L Bearing Pvt. Limited**
Address: Ratu Road, Ranchi-835222
- STEEL AUTHORITY OF INDIA LTD. BOKARO STEEL PLANT**
Address: BokaroSteelCity-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



