



Ramgarh Engineering College
(Estd. by Govt. of Jharkhand and Run by Techno India Under PPP)
Approved by AICTE, New Delhi and Affiliated by JUT, Ranchi
ISO 9001 : 2015 Certified Institute



Annual Report 2020

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1. Institute's Basic Information

Ramgarh Engineering College (Estd. by Govt. of Jharkhand & run by Techno India under PPP) is an institution under public private partnership between the Government of Jharkhand and Techno India established with the prior approval of All India Council For Technical Education (AICTE) and affiliated from Vinoba Bhave University (VBU). It is located in the outskirts of Ramgarh district on NH-23 at Murubanda, near Chittarpur, Rajrappa. It covers an area of 24 acres comprising hostel facilities for boys and girls both and staff quarters for teaching and non-teaching staffs. It can be said that RECians reside in the lap of nature which provides round the clock Gurukul facilities to the learners.

In 2014, by the instruction of Govt. of Jharkhand, college was named as Government Engineering College, Ramgarh (Run and managed by Techno India Group) later on by the order of GOJ institute has been renamed as Ramgarh Engineering College (Estd. By Govt. of Jharkhand & Run by Techno India under PPP). The college is at its seventh successive year with 4 batches aggregate of 960 students. During these six years of operation, the college has achieved several accomplishments. Students of this college have performed exceptionally well in university, some of them being university topper. Furthermore, this college has been recognized as the remote center of NPTEL. It has also carried out several government programs like Pradhan Mantri Kaushal Vikas Yojna (PMKVY) and 'Vittiya Saksharta Abhiyan'.

In 2017, we have received prestigious TEQIP phase III project, funding assistance by MHRD, Central Govt. & World Bank. Several quality improvement programs have started under this project.

Ramgarh Engineering College is now affiliated with Jharkhand University of Technology which is newly developed by Govt. of Jharkhand. This university is committed to provide quality Technical Education and promote scientific awareness among masses. By the establishment of Jharkhand University of Technology, all Technical Institutes recognized by AICTE will come under the umbrella of the university.

We have always been trying to keep our commitment towards our goal to disseminate education among the ‘technocrat’ of the new era without disregarding the need of proper moral development of the students. We have all along tried to make our pupils realize this hidden truth that *‘Education is the manifestation of the perfection already in man’*.

The nearest railways station that connects the campus is ‘Mael’ station. The other stations through which the college can be reached are Ranchi Road (Ramgarh), Muri Junction and Ranchi Junction. The available trains are Howrah-Ranchi Shatabdi Express, Howrah-Hatia Express, Jabalpur Howrah Shaktipunj Express, Ranchi Howrah intercity, Patna Ranchi JanShatabidi Express Adra-Barkakana Passenger, Patna-Hatia Express, etc. The campus is also well connected by bus services from nearby cities like Bokaro, Dhanbad, Ranchi, Kolkata, Jamshedpur, etc. The campus is also connected to the nearest Ranchi Airport which has good connectivity with daily flights operating for all major cities of India.

2. Institute Vision & Mission

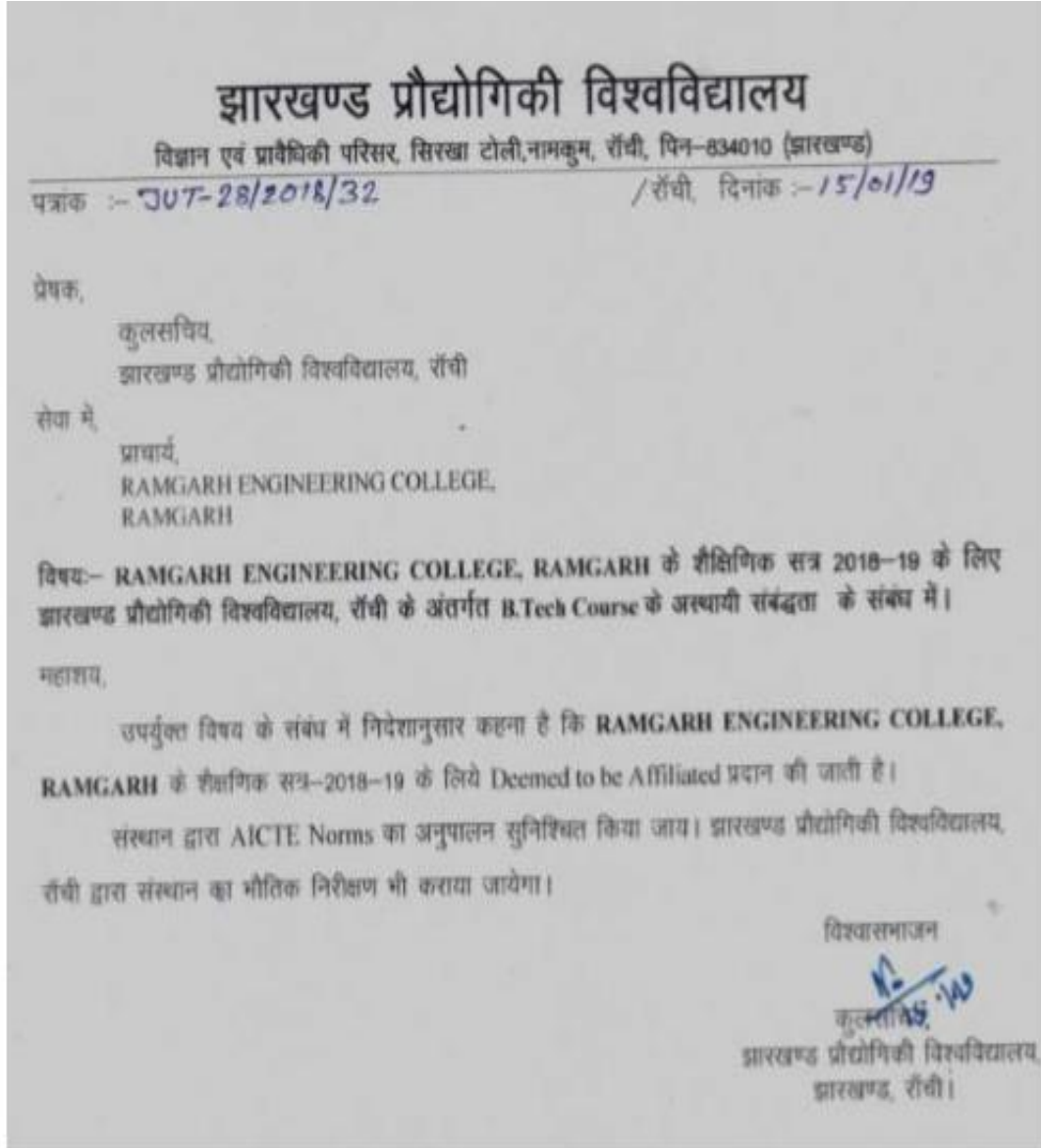
VISION

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

MISSION

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

3. Information Regarding Affiliating University



Affiliation from JUT

All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org



APPROVAL PROCESS 2020-21

Extension of Approval (EoA)

F.No. Eastern/1-7002571894/2020/EOA

Date: 30-Apr-2020

To,

The Principal Secretary (Science & Tech. Deptt.)
Govt. of Jharkhand Nepal House,
Dhurwa, Ranchi-834002

Sub: Extension of Approval for the Academic Year 2020-21

Ref: Application of the Institution for Extension of Approval for the Academic Year 2020-21

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2020 notified by the Council vide notification number F.No. AB/AICTE/REG/2020 dated 4th February 2020 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Permanent Id	1-1555166801	Application Id	1-7002571894
Name of the institute	RAMGARH ENGINEERING COLLEGE (ESTD. BY GOVT. OF JHARKHAND & RUN BY TECHNO INDIA UNDER PPP)	Name of the Society/Trust	TECHNO EDUCATION RAMGARH
Institute Address	RAMGARH, JHARKHAND, RAMGARH, RAMGARH, Jharkhand, 832108	Society/Trust Address	EM-4, SECTOR-V, SALT LAKE, KOLKATA-91, SALT LAKE, NORTH 24 PARGANAS,, 700091
Institute Type	Govt aided	Region	Eastern

To conduct following Courses with the Intake indicated below for the Academic Year 2020-21

Program	Level	Course	Affiliating Body (University /Body)	Intake Approved for 2019-20	Intake Approved for 2020-21	NRI Approval Status	PIO / FN / Gift quota/ OCI/ Approval Status
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	COMPUTER SCIENCE & ENGINEERING	JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI	60	60	NA	No
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRICAL ENGINEERING	JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI	60	60	NA	No
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRONICS AND COMMUNICATIONS ENGINEERING	JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI	60	60	NA	No

Application No:1-7002571894

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

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Letter Printed On:28 May 2020

ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	MECHANICAL ENGINEERING	JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI	60	60	NA	No
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	CIVIL ENGINEERING	JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI	60	60	NA	No

It is mandatory to comply with all the essential requirements as given in APH 2020-21 (Appendix 6)

Important Instructions

1. The State Government/ UT/ Directorate of Technical Education/ Directorate of Medical Education shall ensure that 10% of reservation for Economically Weaker Section (EWS) as per the reservation policy for admission, operational from the Academic year 2020-21 is implemented without affecting the reservation percentages of SC/ ST/ OBC/ General. However, this would not be applicable in the case of Minority Institutions referred to the Clause (1) of Article 30 of Constitution of India. Such Institution shall be permitted to increase in annual permitted strength over a maximum period of two years beginning with the Academic Year 2020-21
2. The Institution offering courses earlier in the Regular Shift, First Shift, Second Shift/Part Time now amalgamated as total intake shall have to fulfil all facilities such as Infrastructure, Faculty and other requirements as per the norms specified in the Approval Process Handbook 2020-21 for the Total Approved Intake. Further, the Institutions Deemed to be Universities/ Institutions having Accreditation/ Autonomy status shall have to maintain the Faculty: Student ratio as specified in the Approval Process Handbook. All such Institutions/ Universities shall have to create the necessary Faculty, Infrastructure and other facilities WITHIN 2 YEARS to fulfil the norms based on the Affidavit submitted to AICTE.
3. In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.
4. Strict compliance of Anti-Ragging Regulation: - Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 373/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

Prof. Rajive Kumar
Member Secretary, AICTE

Copy to:

1. **The Director Of Technical Education****, Jharkhand
2. **The Registrar****,
Jharkhand University Of Technology, Ranchi
3. **The Principal / Director**,
RAMGARH ENGINEERING COLLEGE (ESTD. BY GOVT. OF JHARKHAND & RUN BY TECHNO INDIA UNDER PPP)
Ramgarh, Jharkhand,
Ramgarh, Ramgarh,
Jharkhand, 832108
4. **The Secretary / Chairman**,
EM-4, SECTOR-V, SALT LAKE, KOLKATA-91

Application No:1-7002571894

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Page 2 of 3

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Letter Printed On: 26 May 2020

4. Information Regarding Academic Autonomy

Ramgarh Engineering College is under Jharkhand University of Technology and Vinoba Bhave University. Therefore, it follows the prescribed curriculum by aforementioned universities.

5. Governance Structure

REC is in Public Private Partnership (PPP) model. The Institute is established by government of Jharkhand and run by Techno India. The BOG members name and post are enlisted below:

Sl. No.	Name	Designation	Role
1	Mr. Mohit Chatterjee	Chairperson	Educationist
2	Dr Sudipta Chakraborty	Member	Educationist
3	Dr Bishnu Brata Chattopadhyay	Member	Educationist
4	Mr. Anit Adhikari	Member	Industrialist
5	Mr. Kunal Ganguly	Member	Industrialist
6	Dr Nazmul Islam	Member	Faculty of the Institution
7	Dr Aditya Kumar Singh	Member	Faculty of the Institution
8	AICTE Representative	Member	AICTE Representative
9	DHTE and S&D, Govt. of Jharkhand Representative	Member	State Govt. Representative
10	VBU Representative	Member	VBU Representative
11	Jharkhand University of Technology Representative	Member	JUT Representative
12	BVB, College of Engineering and Technology, Hubli, Representative	Special Invitee	Mentor Institute
13	Mr. Biswajit Dutta	Special Invitee	Special Invitee
14	Dr Sharbani Roy	Member Secretary	Principal

6. Infrastructure

(a) Academic

Particulars	Area/number as per AICTE Norms(*Refer AICTE Approval Process Hand Book)	Area / No. available
Classroom (Size)	66 Sq.MSq.M	66 Sq.MSq.M
No. of Classrooms	15	15
Tutorial Room (Size)	33 Sq.M	33 Sq.M
No. of Tutorial Room	04	04
Drawing Hall (Size)	132 Sq.M	132 Sq.M
Computer Center (Size)	150 Sq.M	150 Sq.M
Workshop (Size)	200 Sq.M	200 Sq.M
Laboratories (Size)	66 Sq.MSq.M	66 Sq.MSq.M
No. of Labs	40	40
Physics Lab (Size)	66 Sq.MSq.M	66 Sq.MSq.M
Chemistry Lab (Size)	66 Sq.MSq.M	66 Sq.MSq.M
Library & Reading Room (Size)	400 Sq.M	400 Sq.M
Seminar Hall (Size)	132 Sq.M	132 Sq.M

(b) Laboratory Details

Sl. No.	Department & 1 st year's common sub. lab	Name of Laboratory(*As per syllabus of JUT)	Carpet Area (Sq.mt.)	Major Equipment
01	Basic Science & Humanities	Physics Lab	115.6	Galvano meter, ammeter, slide calipers, Whistone Bridge, Prism, Spectro meter, sodium source, Travelling Microscope.
		Chemistry Lab	132	Viscosity equipment, PH equipment, Conductivity equipment, Weight machine, heating equipment, Distillation

				equipment, incubator, vibrator equipment, Titration set up
		Language Lab	115.6	PC, Projector, smart screen, AC, CONSOLE,
		Drawing Hall	132	Drawing Table
		Workshop	200	Legth machine, Grinder Machine, Cutter, Welding Machine, Blacksmith shop, Carpenter shop.
		Basic Electronics Lab	80	CRO, Function Generator, Multimeter, Bread Board, Connection wire, LED, Diode, Transistor.
		Basic Electrical Lab	80	Lab. Experimental Kit, Voltmeter, Ammeter.
		Computer Centre	150	Computer, Printer, AC
02	Computer Science Engineering	Object Oriented Programming Laboratory	66	Computer, Printer, switch, AC
		Design & Implementation Laboratory	80	Computer, switch, AC
		Basic Computation Laboratory	66	Computer, switch, AC
		Intelligent System & Network Laboratory	66	Computer, switch, AC
		Basic Computation & Project Laboratory	66	Computer, switch, AC
03	Electronics and Communication Engineering	Basic Electronics Laboratory	66	CRO (30 MHz), Dual channel Power supply, Function Generator, Multi-meter, Bread Board, Transistor, Diode, Resistor, capacitor etc. V-I characteristics of Junction diode trainer kit, V-I characteristics of Zener diode trainer kit V-I characteristics of BJT trainer kit Half wave and full wave rectifier trainer kit, V-I characteristics of FET trainer kit Op-amp Trainer kit.
		Digital Electronics Laboratory	66	Dual channel DC power supply, Digital Multi-meter, Bread board, IC 7400, 7402, 7404, 7408, 7432, 7486, 7415 1, 74153, 74266, Digital Trainer kit, BCD trainer kit Multiplexer Trainer kit, Flip-Flop Kit, Register trainer kit, Counter trainer kit.
		Analog electronics Laboratory	66	CRO, DSO, Dual Channel DC Regulated power supply, Digital Multi-meter, Function Generator, Digital Multi-meter, Bread board etc. Transistor Application Trainer kit, Class A amplifier trainer kit, Class C amplifier trainer kit, Push-Pull amplifier trainer kit, Common collector transistor amplifier trainer kit, Feedback amplifier (Series & Shunt) Trainer Kit Application of IC 555 as Multi-vibrator Trainer kit Differential Amplifier Trainer kit, Op-amp as a smith trigger Trainer kit
		Analog & Digital Comm. Engg. Laboratory	66	DC Regulated Power Supply, Digital multi-meter, DSO, CRO, Function Generator, AM transmitter and receiver trainer kit, FM Modulation and Demodulation

				trainer kit, DSB/SSB AM Transmitter and receiver kit, Analog signal Sampling and reconstruction kit, Super Heterodyne Receiver, Fourier Synthesis kit PWM/PPM trainer kit, PAM trainer kit, MSK Trainer kit, Analog multiplexing kit Modulation using PLL kit, Pre-Emphasis trainer kit.
		Semiconductor devices Laboratory	66	DC Regulated Power Supply, Digital multi-meter, CRO, Function Generator, Transistor characteristics trainer kit, Hall effect experiment trainer kit, Energy bandgap apparatus, PN junction diode characteristics kit, FET Characteristics kit, LUXO meter
		Tele Comm. Switching Laboratory	66	Dull power supply, Digital multimeter, DSO, CRO, Function Generator, EPABX trainer kit, DTMF Telephone trainer kit.
		VLSI Design Laboratory	66	Digital multi-meter, DSO, FPGA kit with supporting software and Computer.
		Microwave Engineering Laboratory	66	Digital multi-meter, DSO, CRO, Function Generator, Klystron mount with tube, Isolator, Frequency meter, variable attenuator, Slotted section, Tuneable probe, Detectormount, Moveable Short, Matched termination, SS Tuner VSWR Meter, Klystron power supply, bore cable, tube cable, Gunn Power supply, Gunn Oscillator, Gunn based Test bench, Pin Modulator, BNC Cable, Spectrum analyser, Transmission line trainer kit
		ECE Computer Laboratory	66	30 Nos. of Desktop with all accessories
04	Electrical Engineering	Basic Electrical Engineering Laboratory	132	AC machines, DC machines, Transformers, DSO, Exp kit, Meters, RLC, Loads, CRO
		Network Theory laboratory	132	Transformers, DSO, Exp kit, Meters, RLC, Loads, CRO
		Electrical Machine Laboratory-I	132	AC machines, DC machines, Transformers, DSO, Exp kit, Meters, RLC, Loads, CRO
		Electrical Machine Laboratory-II	132	AC machines, DC machines, Transformers, DSO, Exp kit, Meters, RLC, Loads, CRO
		Instrumentation Laboratory-I	132	AC machines, DC machines, Transformers, DSO, Exp kit, Meters, RLC, Loads, CRO
		Instrumentation Laboratory-II	132	AC machines, DC machines, Transformers, DSO, Exp kit, Meters, RLC, Loads, CRO
		Microprocessor Laboratory	132	Microprocessor kits, DSO, Exp kit, Meters, RLC, Loads, CRO
		Micro-controller Laboratory	132	Microcontroller kits, DSO, Exp kit, Meters, RLC, Loads, CRO
		Control System Laboratory	132	AC machines, DC machines, Transformers, DSO, Exp kit, Meters, RLC, Loads, CRO
		Power Electronics Laboratory	132	AC machines, DC machines, Converters, Transformers, DSO, Exp kit, Meters, RLC, Loads, CRO
		Power System Protection Laboratory	132	AC machines, DC machines, Relay, Circuit Breakers, Transformers, DSO, Exp kit, Meters, RLC, Loads, CRO

		Simulation Computer Laboratory	132	Computer, Electrical Simulating Software
		Electrical Workshop	132	AC machines, DC machines, Transformers, DSO, Exp kit, Meters, RLC, Loads, CRO
05	Mechanical Engineering	DOM Laboratory	132	Gyroscopic couple, Rotating Mass System, Cam Follower, Vibration Apparatus, Whirling Speed measurement shaft
		RAC Laboratory	66	Ice plant test RIG, Air conditioning system, Mechanical heat pump, Chilling plant, Model of Compressor, Vapour Absorption Refrigeration System
		Automobile Laboratory	66	Automotive Transmission Systems. Automotive Drive Lines and Differentials. Automotive engine systems and sub systems. Fuels supply systems. Engine cooling and lubricating systems. Automotive suspension systems. Automotive steering systems. Automotive Brake systems, Constant Type transmission system, Synchronic type transmission system, Differential with real axle, Front wheel drive line, Real Axle Drive line, Multi Cylinder petrol engine, Single cylinder diesel engine, Multi cylinder diesel engine, Starting system diesel engine, Electrical ignition system diesel engine Rake and pinion type steering system, Reciprocating ball type steering system, Power steering system
		MOS-II Laboratory	66	Ductility and fatigue test machine Quarter half full bridge Bending System, Youngs Modulus Machine Simply Supported Beam
		Workshop Laboratory	200	Electric Furnace, Electric Furnace for smithy, Welding Machine, Lathe Machine, Shaper Machine, Grinder, Milling Machine, Wood working Vice Circular Saw, Drilling Machine, Planner Machine, Wood Cutter, Bending Machine Muffle Furnance,
		Applied Thermodynamics	66	Refrigeration test rig. Water cooling tower. Cochran boiler model. Compound steam engine model. De-level turbine model. Babcock and Wilcox boiler model. Steam engine model. Steam engine model. Pure reaction turbine model. Condensor
		HMT Laboratory	66	Stephan Boltzman Apparatus, Forced convection Apparatus, Conductivity test Apparatus, Pipe flow Apparatus, Parallel or counter flow heat Exchanger
		Fluid Mechanics Laboratory	200	Venturimeter Apparatus, Pipe friction Apparatus, Rectangular notch apparatus,
		Thermodynamics Laboratory-II	66	Orific meter apparatus Mouth Piece Apparatus Bernouli Equation Test RIG, Metacentric Height Testing Machine

				Toy model of I.C engine (SI & CI), model of steam power plant, model of Cochran Boiler, model of steam turbine, model of Reciprocating air compressor.
		MOS-I Laboratory	66	Universal testing Machine, Impact Testing Machine, Torsion testing Machine, Rockwell hardness testing machine, Brinell hardness testing machine
		Drawing Hall-I	132	Drawing Boards
		Drawing Hall-II	132	Drawing Boards
		CADG Laboratory	66	Computers
06	Civil Engineering	Geotechnical Engineering Laboratory	115	Standard penetration test with all Accessories to conduct the test, Plate load test with all accessories to conduct the test, Consolidation test Apparatus, Unconfined compression test apparatus, Shear test apparatus(Direct shear), Triaxial test apparatus,Pycnometer(1liter),Liquid limit apparatus,casagrandeapparatus,Sieve size 4.75mm,2.0mm,1.0mm,600mic,425mic,300 mic,212mic,150mic,75mic, container 50mm dia and 30 mm height, balance machine (100kg), core-cutter test apparatus, compaction test apparatus(light compaction),CBR test apparatus, plastic limit apparatus,shrinkage limit apparatus, field density by sand replacement method,Hot air oven, liquid limit device, sieve shaker (hand operated), plastic limit apparatus, shrinkage limit apparatus, field density by sand replacement method, Hot air oven ,liquid limit device, sieve shaker (hand operated),spatula
		Transportation Engineering Laboratory	115	Flakiness & Elongation Gauge, Standard penetrometer for bitumen, Tar viscometer, Sieve size 80mm,63mm,50mm,40mm,31.5mm,25mm,20mm,16mm, 12.5mm,10mm,6.3mm,2.36mm,1.7mm Heater,Saucepan, Los-Angeles abrasion test,impact test apparatus,flash&fire test apparatus, marshal stability test,
		Building Material Laboratory	100	Vicat Needle Apparatus, Le-ChatelierMould ,OVEN, weight machine 50 Ml Specific Gravity bottle, 90 mic. Sieve,IS Sieve Size- 80mm,40mm,20mm,4.75mm,2.36mm,1.18mm, 1mm,600mic., 425 mic, 300mic,150 mic Hand Operated Sieve Shaker,
		Concrete Laboratory	100	Compressive testing machine, Flexure Testing machine, cube(150x150x150mm), cube(76x76x76mm), cylindrical mould, slump test apparatus,

				compactin factor test apparatus vee-bee test, concrete mixture machine, remould hammer, beam mould(100x100x500mm), beam mould(150x150x700mm), IS Sieve Size- 80mm,40mm,20mm,4.75mm,2.36mm, 1.18mm,1mm,600mic., 425 mic, 300mic,150 mic, Vibration table
		Survey	66	Theodolite,Auto Level, Compass,Chain(30Meter),Alidade,Plaintable with Stand,Plumbob,LevellingStaff,RangingRod, Tape(30 Meter,15 Meter),Optical Squire,TotalStation,GPS, GIS, Distomat
		Structure Laboratory	66	Verniercaliper,Truss Apparatus model, Single Span Beam,Two hinged arch model, weight and dial gauge, Moment area theorem apparatus, Model of strut and columns with various end condition and loads.
		Environmental lab.	66	PH meter,TDSmeter,conductivity meter, BOD incubator,turbidity meter,
		WRE Lab.	115	current meter
		Computer Lab	66	24 os. of Desktop with all accessories

(c)Administrative Area

Particulars	Area/number as per AICTE Norms(*Refer AICTE Approval Process Hand Book)	Area / No. available
Principal Room (Size)	30 Sq.M	01/30 Sq.M
Head of Department Room (Size)	20 Sq.M	06/20 Sq.M
Department Office(Size)		
Faculty Room (Size)	5 Sq.M per Faculty Member	300 Sq.M
Central Store Room (Size)	30 Sq.M	30 Sq.M
Maintenance (Size)	30 Sq.M	30 Sq.M
College Office (Size)	150 Sq.M	150 Sq.M
Board Room (Size)	20 Sq.M	20 Sq.M
Security Room (Size)	10 Sq.M	10 Sq.M
House Keeping (Size)	10 Sq.M	10 Sq.M
Examinations control Office (Size)	30 Sq.M	30 Sq.M
Placement Office (Size)	30 Sq.M	30 Sq.M

Pantry for Staff (Size)	10 Sq.M	10 Sq.M
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(d)Computational Facility:

Location	
Internet Bandwidth in MBPS	16
Printers in Nos	15
Legal Application S/W	25
Legal System S/W	40

(e)Library Facilities

Location	
No of Volumes	18674
No of Titles	730
No of Journals	10
No of Library Management Software	1
Reading Room Seating Capacity	75
No of MultiMedia PC	12

(f)Amenities Area

Facilities	Status
Sports Club /Gymnasium	Available
Boys' Common Room	Available
Girls' Common Room	Available
Cafeteria	Available
First Aid cum Seek Room	Available
Stationery Store and Reprography	Available
Auditorium / Amphitheater	Available
All Weather Approach (Motorized Road)	NOT Available
Applied membership-National Digital Library	Available

Appointment of Student Counsellor	Available
Backup Electric Supply	Available
Barrier free Environment	Available
Biometric based attendance System	Available
Compliance of the National Academic Depository(NAD) as per MHRD Directives	Available
Display Board within the premises as well as in the Website of the Institution	Available
Efforts to encourage Final Year students to appear GATE examination	Implemented
Electric Supply	Available
Establishment of Anti Ragging committee	Available
Establishment of committee for SC/ST	Available
Establishment of Grievance Redressal Committee in the Institute and	Available
Establishment of Internal Complaint Committee(ICC) As per section 4 of Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013	Available
General Insurance	Available
Group Accident Policy to be provided for the employees	Available
Group Insurance for Employees	Available
Implementation of examination reforms	Implemented
Implementation of mandatory Internship policy for students	Implemented
Implementation of Security Measures	Implemented
Implementation of Startup Policy	Implemented
Implementation of teacher training policy	Implemented
Implementation of Unnat Bharat Abhiyan	Implemented

Implementing Food Safety and Standard Act,2006 in the Institution	Implemented
Indicating the Feedback Facility of Students and Faculty	Implemented
Innovation Cell/Club	Available
Institution Web Site	Available
Institution-Industry Cell	Available
Insurance for Students	Available
Internal Quality Assurance Cell	Available
Notice Boards	Available
Online Grievance Rederssal Mechanism	Available
Participation in the National Innovation Ranking	NA
Potable Water Supply	Available
Provision to watch MOOCS Courses through Swayam	Available
Safety Provisions	Available
Sewage Disposal System	Available
Sports facilities	Available
Standalone Language Laboratory	Available
Telephone & FAX	Available
Training and Placement Cell	Available
Vehicle Parking	Available

7. Information Regarding NBA Accreditation

REC has already registered for NBA accreditation process in the portal. It has applied for three branches (i.e. CE, ECE and ME) and the coming academic session we are going for the other two branches (CSE & EE).

ACCREDITATION WORKFLOW Management System



Ramgarh Engineering College
(ESTD. BY GOVT. OF JHARKHAND &
RUN BY TECHNO INDIA UNDER PPP)

**RAMGARH
ENGINEERING
COLLEGE**

Email:
monk.chattopadhyay@gmail.com

Change
Password |
Home
16-07-2019
14:32:46

- Inbox(0)
- Outbox
- Archive
- Write to NBA

Application

- Prequalifier/e-SAR**
- Earlier Visits of NBA
- Accreditation Reports
- Recommendations
- Accreditation Letter
- Accreditation Certificate
- Status of Pending Cases
- Programmes Accredited
- Documents / Historical
- Accreditation Document
- Fee
- Contact with NBA

Appointment

- Membership
- Participation
- Webinar**
- Admission
- Appeal Application
- Returned Appeal

Application Detail

Application Number 3843-24/06/2019

Application Date 24/06/2019

Discipline	Level	Program	SAR
Engineering & Technology	Under Graduate	Electronics & Communication Engg.	View
Engineering & Technology	Under Graduate	Mechanical Engg.	View
Engineering & Technology	Under Graduate	Civil Engg.	View

Proposed Set of Visit Dates for Expert Visit to the Institution

	Slot 1	Slot 2	Slot 3	Slot 4	Slot 5
From					
To					

ACCREDITATION WORKFLOW

Management System



RAMGARH ENGINEERING COLLEGE

Ramgarh Engineering College
 (ESTD. BY GOVT. OF JHARKHAND &
 RUN BY TECHNO INDIA UNDER PPP)

Email: mohit.chattopadhyay@gmail.com

Change Password | Home
 10-07-2019 14:31:56



Inbox(0)

Outbox

Archive

Write to NBA

Account

Registration

Accreditation

Mail

Search

: +

INBOX

Compose Letter

!	Received From	Subject	Date	Type
	msadmnb	Acknowledgement of SAR	03/07/2019	Visit Sche...
	msadmnb	Acknowledgement of Accreditation Fee	28/06/2019	Normal
	AccrIIB.I	Institute Registration	30/05/2018	Normal
	finadmnb	Registration Fee Payment Verified	30/05/2018	Normal
	msadmnb	Acknowledgement for Registration Fee	17/05/2018	Normal
	msadmnb	Acknowledgement of Phase I of Registration wi...	30/04/2018	Normal
	msadmnb	Acknowledgement of Phase I of Registration wi...	19/04/2018	Normal

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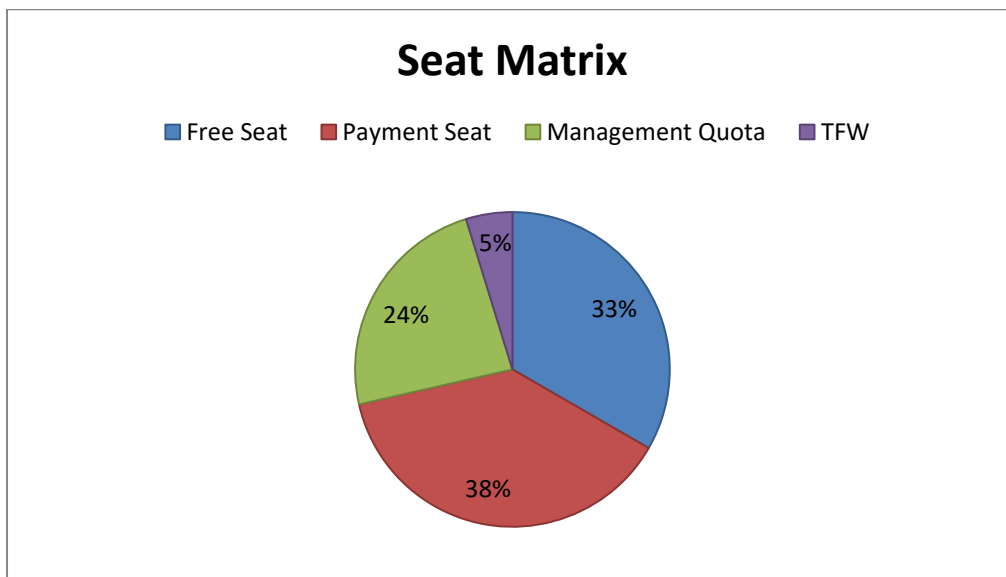
1 of 1

8. Programs Offered

Department Undergraduate	Course Duration	Intake
Computer Science & Engineering	4 years	60
Mechanical Engineering	4 years	60
Electronics & Communication Engineering	4 years	60
Electrical Engineering	4 years	60
Civil Engineering	4 years	60

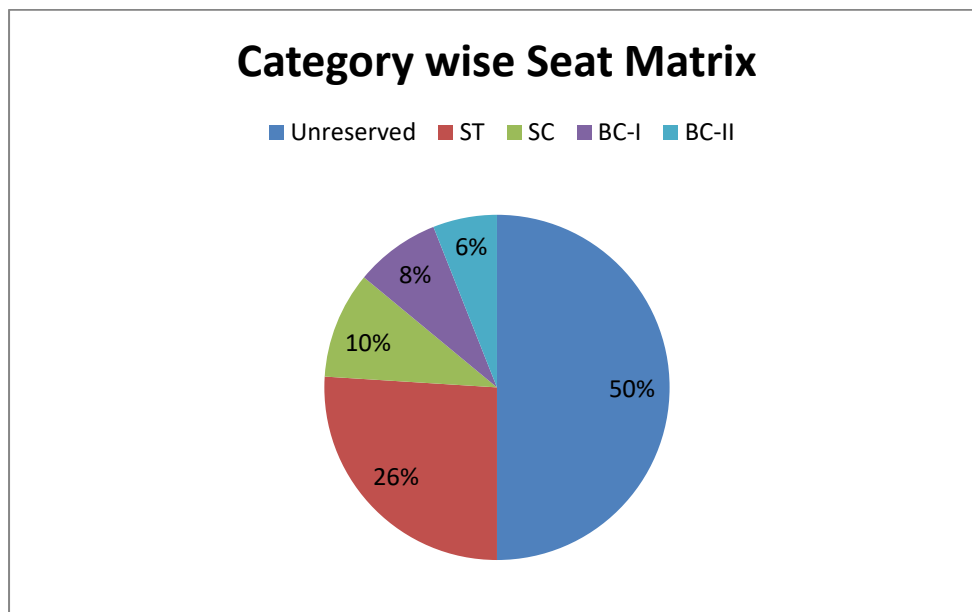
The abovementioned seats are filled up in the following category.

FREE SEAT CATEGORY	PAYMENT SEAT CATEGORY	Management Quota	TFW [Supernumerary]
35%	40%	25%	5%



The reservation policy of the Free Seat Category (including physically handicapped) for students taking admission to Ramgarh Engineering College, Ramgarh through JCECEB counseling in Jharkhand is given below:

Unreserved	ST	SC	BC-I	BC-II
50%	26%	10%	8%	6%

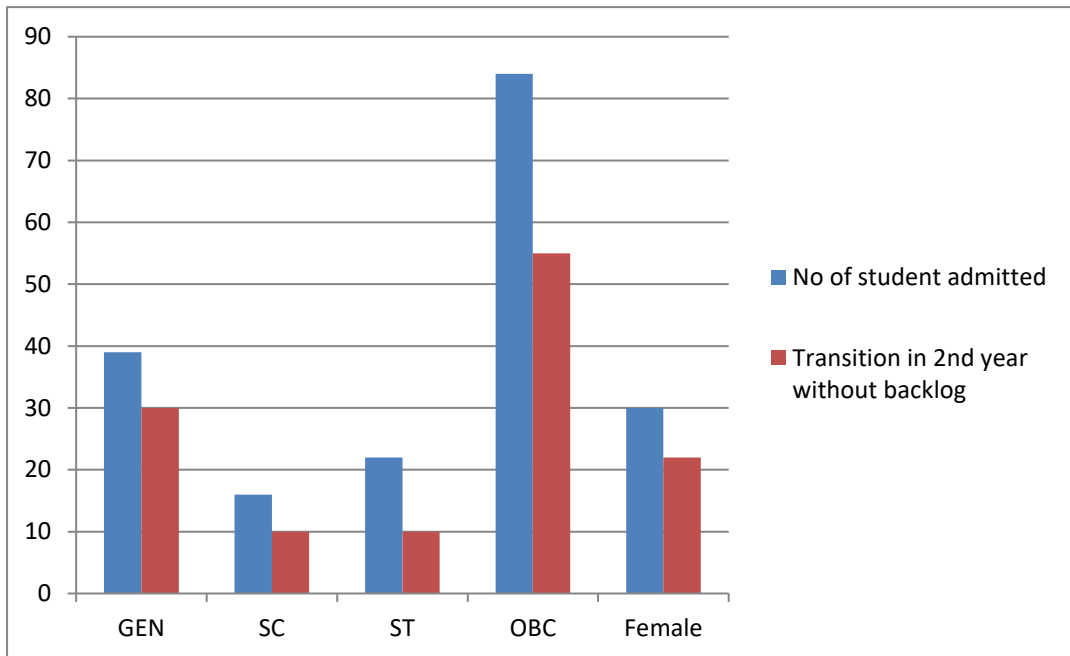


Tuition and other Fees Structure: It follows as per the notification issued by the office of the Chairman, Fee Fixation Committee, Department of Science & Technology, Government of Jharkhand.

9. Transition Rate of 1st Year UG students

Transition rate from 1st year to 2nd year students (without backlog) in UG program:

Sl. No.	Category	No. of students admitted in 2018-19	Transition in 2nd year without backlog	Percentage
1	GEN	39	30	76.92%
2	SC	16	10	62.50%
3	ST	22	10	45.45%
4	OBC	84	55	65.48%
5	Female	30	22	73.33%
	Total	161	105	65.22%



10. GATE Qualified Students' Data

Total no of student in all branches- 255

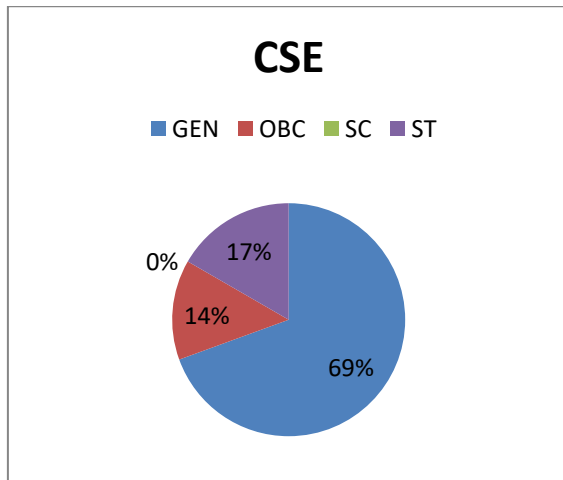
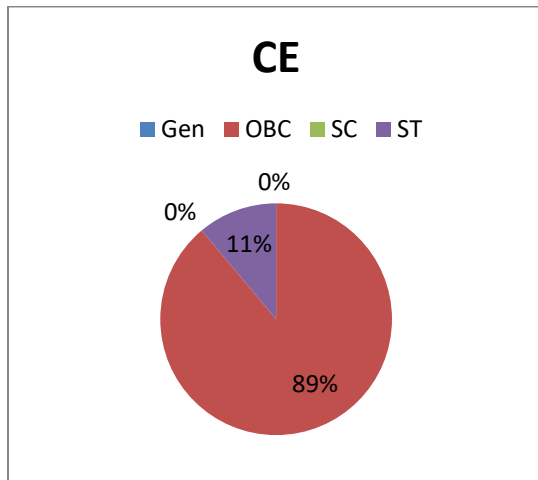
Total no. of student registered- 189

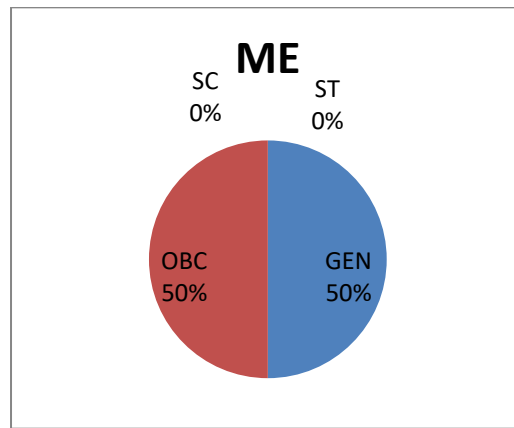
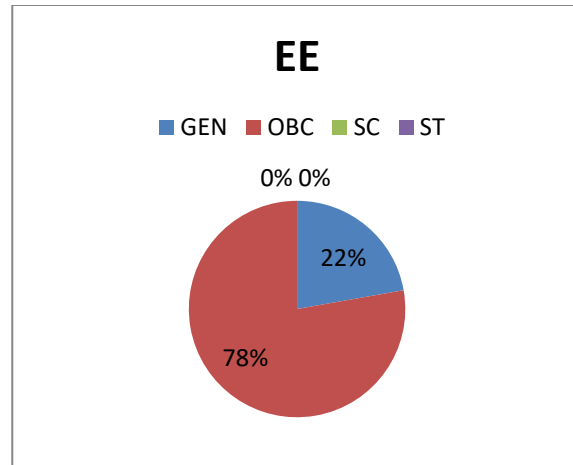
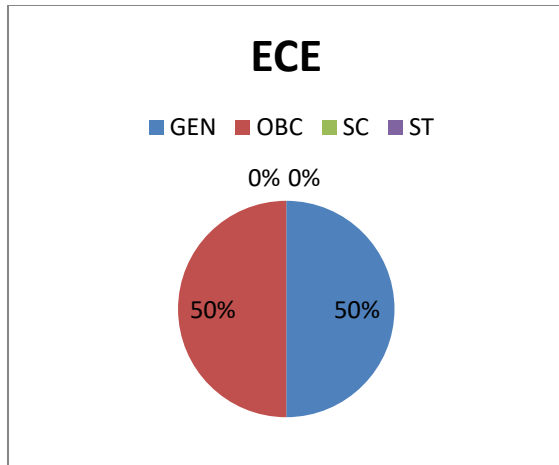
Total no. of student appeared in GATE exam- 174

Total No. of student qualified GATE exam- 31

Detail Information as per branch and Category wise

Branch	General	OBC	SC	ST	Total
CE	00	08	00	01	09
CSE	05	01	00	01	07
ECE	01	01	00	00	02
EE	02	07	00	00	09
ME	02	02	00	00	04





Sl. No.	Name of student	GATE Roll. No	Gender	Category	Branch	AIR	Marks	Score
1	Ashvini Kumar Ray	EE19S66030218	Male	GEN	EE	4439	64	608
2	Prem Kumar	EE19S66030099	Male	OBC	EE	17063	40.33	358
3	Kaushal Kumar	EE19S64024308	Male	OBC	EE	10584	50	460
4	Suraj Prasad Swarnkar	EE19S66029071	Male	OBC	EE	872	79.33	771
5	Ritesh Kumar Rana	EE19S66029373	Male	OBC	EE	19611	37.33	326
6	Prabha Kumari	EE19S66030085	Female	OBC	EE	12726	46.33	421
7	Vivek Kumar	EE19S66025284	Male	OBC	EE	8297	54.33	506

8	Avinash Yadav	EE19S66024160	Male	GEN	EE	1174 5	48	439
9	Yasmin Ara	EE19S66029104	Female	OBC	EE	2051 7	36.33	315
10	Mukesh Kumar Yadav	CE19S76030096	Male	OBC	CE	1621 6	31.55	388
11	Sanjay Kumar Saw	CE19S76030060	Male	OBC	CE	1699 6	30.85	380
12	Kundan Kumar	CE19S86030181	Male	ST	CE	3703 4	20.16	259
13	Ranjan Saurav	CE19S76030297	Male	OBC	CE	7491	42	506
14	Kumar Gaurav	CE19S86030241	Male	OBC	CE	2040 7	28.36	352
15	Anant Kumar Sah	CE19S86030159	Male	OBC	CE	1299 2	34.59	422
16	Rupam Raj	CE19S74024079	Male	OBC	CE	2244 3	27.02	337
17	Ranjan Kumar	CE19S86030163	Male	OBC	CE	1855 8	29.67	367
18	Sonu Kumar	CE19S76030282	Male	OBC	CE	1510 5	32.59	400
19	Oliver Godfred Herenj	CS19S36029162	Male	ST	CSE	1942 2	25.7	307
20	Nitesh Kumar	CS19S36029210	Male	GEN	CSE	1565 4	28.33	337
21	Prity Singh	CS19S36029225	Female	GEN	CSE	1408 8	29.67	352
22	Sunil Kumar	CS19S36029380	Male	OBC	CSE	1797 0	26.67	319
23	Abhijeet Kumar	CS19S36029044	Male	GEN	CSE	2966	48.67	563
24	Aniket Kumar	CS19S36030234	Male	GEN	CSE	3641	46.33	537
25	Mritunjay Banerjee	CS19S36030091	Male	GEN	CSE	1107 7	32.67	385
26	Anish Gautam	ME19S1402457 8	Male	GEN	ME	2189 0	36.76	379
27	Kamal Kishore Mahto	ME19S1603030 8	Male	OBC	ME	1777 7	40.69	421
28	Suraj Kumar	ME19S2402421 6	Male	OBC	ME	2246 3	36.3	374
29	Nitish Kumar	ME19S6030310	Male	GEN	ME	1256 6	46.84	487
30	Akanksha	EC19S56029159	Female	OBC	ECE	1280 4	28.33	369
31	Manish Kumar Gautam	EC19S56025131	Male	GEN	ECE	7526	35	446

11. Training Program held for students, Teachers and Staffs

Sl. No.	Particulars	Participants
1	Workshop on Web Based New Academics MIS at NIT Kurukshetra on 29.03.2019	Mr. Ashim Kr Mahato
2	Workshop at NIT Jamshedpur during 21.01.2019 to 25.01.2019	Miss Nikki Chanda
3	Workshop on Finite Element Analysis at REC by Mentor Institute Faculty from 28.03.2019 to 30.03.2019	For all Students and Faculties
4	Ideation camp from 08.04.2019 to 10.04.2019	For all Students
5	EE workshop by Mentor Institute 01.04.2019 to 03.04.2019	For EE Students
6	PDT at IIM Kashipur from 06.05.2019 to 10.05.2019	Mrs Sangeeta Gangopadhyay
7	Tour & Training of EE Dept at HEC Ltd Ranchi on 29.04.2019	Students of EE deptt.
8	Tour & Training of ECE Deptt at DVC Tilaiya on 13.05.2019	Students of ECE deptt.
9	National Seminar on 26.04.2019	For Faculty members of REC Ramgarh
10	One day R&D workshop on 29.04.2019 by Uma madam (KLE University, Hubli)	For Faculty members of REC Ramgarh
11	Workshop on PMSS at Jadavpur University on 12.03.2019 to 13.03.2019	Mr Sourav Ghosh
12	PDT at IIM Udaipur from 25.05.2019 to 02.06.2019	Mr Pradip Singha & Mr Himadri Panda
13	PDT at IIM Indore from 27.05.2019 to 31.05.2019	Dr Shiv Kumar & Mr Ashim Kr Mahato
14	PDT at IIM Raipur from 20-24 May 2019	Miss Amrita Kumari & Mrs Faiza Sultan
15	Summer Training Program at IIT Gandhinagar	All NPIU faculties
16	PDT at IIM Shillong from 09.06.2019 to 19.06.2019	Dr Sudipta Chakraborty & Mr Tapan Bhattacharya
17	PDT at IIM Raipur from 17.06.2019 to 21.06.2019	Mrs Suparna Karmakar & Mrs Niti Rani
18	PDT at IIM Kozhikode from 18th June to 22nd June 2019	Dr Brajesh Kumar & Mr Kundan Kumar
19	PDT at IIM Indore during 17.06.2019 to 21.06.2019	Mr Rajeev Ranjan & Mr Alok Kumar

20	Workshop on Web designing & development from 08.06.2019 to 10.06.2019	For CSE branch students
21	CE deptt seminar on Infrastructural Development on 23.04.2019	For CE branch students
22	Felicitation of GATE qualified Students for the year 2018-19	For the students of REC Ramgarh
23	PDT at IIM Udaipur from 10.06.2019 to 14.06.2019	Mr Rupam Kr Pal
24	STTP in The English & Learning Phonetics at Lucknow from 29/06/19-03/07/19	Miss Renuka Sahu
25	Workshop in RACER-2019 at NIT JSR, 21/01/09-25/01/19	Mrs Komal Kumari, Mr Shamsher Alam and Mr Vikash Anand
26	Python Workshop By Mentor Institute during 18-20 july 2019	For the students of REC Ramgarh
27	ECE Workshop on Latex 6-8th Sept 2019	For ECE branch students
28	PDT at IIM Trichy from 23 to 27 sep 2019	Mr Diptimaya Behera
29	PDT at IIM Kashipur from 23 to 27 sept 2019	Mrs Shalini Mishra
30	PDT at IIM Kashipur from 23 to 27 sept 2019	Mrs Komal Kumari
31	Workshop at CEC on AutoCAD & SolidWorks from 21-25 sept 2019	Dr Ravi Kumar, Miss Amrita Kumari
32	Workshop at BIT sindri on 21/09/19	Mrs Faiza Sultana
33	5 days FDP on AutoCAD & SolidWorks during 9-13 Nov 2019	For faculties of REC Ramgarh
34	PDT at IIM Raipur 18-22 Nov 2019	Mr Rupam Kumar Pal
35	PDT at IIM Jammu 18-22 Nov 2019	Dr Brajesh Kumar & Mr Nilesh Kumar
36	PDT at IIM Raipur during 18-22 Nov 2019	Mr Bagesh Bihari
37	PDT at IIM Raipur during 23-27 Sept 2019	Mr Abhinaba Biswas
38	Indian science festival at IISER Pune from 12-12 Jan 2020	Dr Sudipta Chakraborty
39	BSH Seminar on RTEEM 2019 from 27.09.2019-01.10.19	For Faculty members of REC Ramgarh
40	Health Awarness camp & use of Naturopathy on 11.02.2020	For Faculty members of REC Ramgarh
41	ECE workshop on Micro Controller from 10-12 Feb 2020	For ECE branch students
42	Industrial Training at Vizag CEMS from 4-9 Mar 2020	For the students of REC Ramgarh
43	3 day workshop on 3D CAD Modelling & PLM By ME Deptt. From 20.02.2020 to 22.02.2020	For ME branch students

44	1 day transformational workshop on Start up and Entrepreneurship	For the Faculties and students of REC Ramgarh
45	3 day workshop on machine learning & AI by CSE deptt on 25.02.202 to 27.02.2020	For CSE branch students
46	International seminar on Research Methodology & patent filing on 1st March 2020	For Faculty members of REC Ramgarh
47	Webinar on Cyber attack, crime and Defense on 22.05.2020	For the Faculties and students of REC Ramgarh
48	Webinar on functional skill requirement & employability of students on 15.05.2020	For the students of REC Ramgarh

12. Student Internship Data

This is to certify that 45.88% (117 out of 255) students attended the internship in different industries for more than 4 weeks. The list of students are as follows:-

Mechanical Engineering

Name_of_student	Name of institute/organization with location
RAJAT KUMAR SAINI	CRS BARKAKANA, CCL RANCHI
GAUTAM KUMAR	INTERNSHALA (Business & Communications Skills)
ALOK RANJAN	DVC, CTPS CHANDRAPURA
RANVIR SINGH	INLAND POWER GOLA
UJJWAL KUMAR	DVC, CTPS CHANDRAPURA
SOURAV KUMAR SINGH	DVC, CTPS CHANDRAPURA
RITESH KUMAR	DVC, CTPS CHANDRAPURA
ARBIND KUMAR YADAV	JINDAL STEEL & POWER,PATRATU
HARISH KUMAR	SUBERNEKHA HYDAL SIKDIRI
AKASH	Subarnarekha H.E.S at sikidri
RAHUL HEMBROM	SAIL BOKARO
ALKA KUMARI	SAIL RANCHI
SHUBHAM SHRESHTH	SAIL RANCHI
ANTESH MUKHERJEE	Railway Loco shed TATA nagar
ROUSHAN RANJAN SINGH	SAIL RANCHI

SMRITI JHA	SAIL RANCHI
RAVI ROSHAN	SAIL RANCHI
BHASKAR SINGH	NTPC VSTPP
ASHIFA PERWEEN	SAIL RANCHI

Civil Engineering

Name_of_student	Name of institute/organization with location
Ravina Kumari	Mecon Ltd
Punam Oraon	Mecon Ltd
Subham Kumar Upadhyay	Mecon Ltd
Sweta Murmu	Mecon Ltd
Randheer Kumar	Ramky Infrastructure Ltd
Vikash Kumar Joshi	Ramky Infrastructure Ltd
Abhishek Verma	Ramky Infrastructure Ltd
Amritanshu	CRS, Barkakana
Priti Kumari	PWD, Dhanbad
Syed Faiz Alam	SAIL, Bokaro
Anshu Raj	V R Construction, Latehar
Shyam Kumar Bhagat	V R Construction, Latehar
Anuj Kumar	V R Construction, Latehar
Abhishek Ranjan	V R Construction, Latehar
Niraj Kumar	V R Construction, Latehar
Bhola Bhaskar	Damodar Valley Corporation
Sudhir Kushal Ekka	Damodar Valley Corporation
Rishav Kumar	CPWD, Ranchi
Raghib Saeed	CPWD, Ranchi
Ujit Kumar	CPWD, Ranchi
Ankit Kumar	DVC, Bokaro

Electronics & Communication Engineering

Name_of_student	Name of institute/organization with location
Saurya Ranjan	Siemens COE,BIT Sindri
Anupriya Vijay	Siemens COE,BIT Sindri
Sweety Kumari	Siemens COE,BIT Sindri
Neha Kumari	Siemens COE,BIT Sindri
Anugraha Dadel	Siemens COE,BIT Sindri
Muskaan Kumari	Siemens COE,BIT Sindri
Md. Mehtab Khan	Siemens COE,BIT Sindri

Md. Mehandi Hassan	Siemens COE,BIT Sindri
Shiwani Kumari Hansda	Siemens COE,BIT Sindri
Nidhi Kumari	Siemens COE,BIT Sindri
Dharmenda Kumar	Siemens COE,BIT Sindri
Nisha Kumari	Siemens COE,BIT Sindri
Kajal Kumari	Siemens COE,BIT Sindri
Shilpa Kumari	Siemens COE,BIT Sindri
Mamta Kumari	Siemens COE,BIT Sindri
Harendra Kumar	Bokaro Steel Plant

Mechanical Engineering

Name_of_student	Name of institute/organization with location
Akash Kumar Mahto	CCI,Rajrappa
Subhash Kumar Mahto	CCI,Rajrappa
Nehal Kumar	CCI,Rajrappa
Rahul Kumar	CCI,Rajrappa
Shamim Faizy	CCI,Rajrappa
Prasant Saurav	CCL,Ranchi
somendra kumar tiwari	CCL, RANCHI
SHUBHAM KUMAR TIWARI	CCL, RANCHI
SHUBASH KUMAR MAHTO	HEC, RANCHI
ANUP KUMAR	EC RAILWAY
DEEPA KUMARI	EC RAILWAY
RAMAN KUMAR	EC RAILWAY
KUNAL KUMAR RAJAK	EC RAILWAY
RISHU RAVI RAJ	EC RAILWAY
ANIVESH KUMAR SINGH	EC RAILWAY
RISHIKESH KISKU	BSP BOKARO
ANIL DAS	BSP BOKARO
VIKASH CHAUHAN	BSP BOKARO

13. REC Campus Placement Data

STUDENT PLACEMENT DATA-2019-PASSOUT BATCH

SL.	Programme	Affiliating University/ Board	Level of course	STREAM	Approved Intake	Number Of Companies Visited	Number Of Students Passed	Number Of Dropout Students	Number Of Eligible Students	Number Of Students Placed in IT	Number Of Students Placed in Non IT	Total Student Placed (IT+ Non IT)
1	B.tech	Vinoba Bhawe University	UG	CIVIL	60	10	64	0	64	9	26	35
2	B.tech	Vinoba Bhawe University	UG	MECHANICAL	60	12	58	1	58	1	29	30
3	B.tech	Vinoba Bhawe University	UG	ELECTRICAL	60	12	50	2	50	0	15	12
4	B.tech	Vinoba Bhawe University	UG	ELECTRONICS & COMMUNICATION	60	13	41	0	41	10	13	25
5	B.tech	Vinoba Bhawe University	UG	COMPUTER SCIENCE	60	10	45	0	45	6	0	6

PLACEMENT REPORT 2015-19

SL NO.	STUDENT'S NAME	BATCH	DEPARTMENT	COMPANY NAME
1	Rajlaxmi	2015-19	EE	TOSHA INTERNATIONAL
2	Sumit Sagar	2015-19	EE	TOSHA INTERNATIONAL/NANCY IMPEX
3	Prem Kumar	2015-19	EE	TOSHA INTERNATIONAL/ EDGE TELECOM
4	Ritesh Kumar Rana	2015-19	EE	TOSHA INTERNATIONAL
5	Prabha Kumari	2015-19	EE	TOSHA INTERNATIONAL
6	Shivam Kumar Dasoundhi	2015-19	EE	TOSHA INTERNATIONAL
7	Rajiv Ranjan Kumar	2015-19	EE	EDGE TELECOM

8	Dev Kumar Mahto	2015-19	EE	EDGE TELECOM
9	Arun Kumar	2015-19	EE	EDGE TELECOM
10	Suraj Prasad Swarnkar	2015-19	EE	EDGE TELECOM
11	Anu Kumari	2015-19	CSE	Artech InfoSystem/ TCS
12	Aniket Kumar	2015-19	CSE	PARAMATRIX TECHNOLOGIES
13	Prince Kumar	2015-19	CSE	PARAMATRIX TECHNOLOGIES
14	Arun kumar	2015-19	EE	NANCY IMPEX PVT. LTD.
15	Raju prajapati	2015-19	EE	NANCY IMPEX PVT. LTD.
16	Prity Singh	2015-19	CSE	TCS
17	Ankita Chakroborty	2015-19	CSE	TCS
18	Abhishek Kumar	2015-19	CSE	TCS/BY'JUS
19	Navneet Kashyap	2015-19	CE	LFMS
20	Raj Kishor Mahto	2015-19	CE	LFMS
21	Sumit Kumar Singh	2015-19	CE	LFMS
22	Sujit Kumar	2015-19	CE	LFMS
23	Anant Kumar Sah	2015-19	CE	LFMS
24	Ranjan Sourabh	2015-19	CE	LFMS
25	Ranjan Kumar	2015-19	CE	LFMS
26	Vishal Sourabh	2015-19	CE	LFMS
27	Mukesh Kumar Yadav	2015-19	CE	LFMS
28	Md. Hamza Ali	2015-19	CE	LFMS
29	Kishore Kumar Purty	2015-19	CE	Neelkantha Energy Pvt. Ltd.
30	Praween Kumar Singh	2015-19	CE	Neelkantha Energy Pvt. Ltd.
31	Tinku Kumar	2015-19	CE	Neelkantha Energy Pvt. Ltd.
32	Abhisek Kumar	2015-19	CE	Neelkantha Energy Pvt. Ltd.
33	Vishal Kumar Bhagat	2015-19	CE	Neelkantha Energy Pvt. Ltd.
34	Ashwani Kumar Tanti	2015-19	CE	Neelkantha Energy Pvt. Ltd.
35	Manish Kumar	2015-19	CE	Neelkantha Energy Pvt. Ltd.
36	Anup Kumar	2015-19	CE	Neelkantha Energy Pvt. Ltd.
37	Kundan Kumar	2015-19	CE	Forward Infrastructure Pvt. Ltd.
38	Mithilesh Kumar	2015-19	CE	Forward Infrastructure Pvt. Ltd.
39	Prakash Sree	2015-19	CE	Forward Infrastructure Pvt. Ltd.
40	Randhir Kumar	2015-19	CE	Forward Infrastructure Pvt. Ltd.
41	Dhanjay Kumar Mahto	2015-19	CE	Forward Infrastructure Pvt. Ltd.

42	Dhiraj Kumar	2015-19	CE	Forward Infrastructure Pvt. Ltd.
43	Jitendra Kumar	2015-19	CE	Forward Infrastructure Pvt. Ltd.
44	Simran Jeet	2015-19	CE	Forward Infrastructure Pvt. Ltd.
45	Rohit Kumar	2015-19	CE	Green More Organic Foods Pvt. Ltd.
46	Hari Shankar Kumar	2015-19	CE	Green More Organic Foods Pvt. Ltd.
47	Praveen Toppo	2015-19	CE	Green More Organic Foods Pvt. Ltd.
48	Sangeeta Kumari	2015-19	CE	Green More Organic Foods Pvt. Ltd.
49	Sandeep Kumar	2015-19	CE	Green More Organic Foods Pvt. Ltd.
50	Ritu Singh	2015-19	CE	Green More Organic Foods Pvt. Ltd.
51	Sanju Kumari	2015-19	CE	Green More Organic Foods Pvt. Ltd.
52	Rahul Kumar Mandal	2015-19	CE	Green More Organic Foods Pvt. Ltd.
53	Prem Kumar Prabhakar	2015-19	CE	Green More Organic Foods Pvt. Ltd.
54	Vibha Kiran Kachhap	2015-2019	ECE	Bridgegroup Solution
55	Puja Dutta	2015-2019	ECE	Bridgegroup Solution
56	Vikash Kumar	2015-2019	ECE	Bridgegroup Solution
57	Neha kumari	2015-2019	ECE	Bridgegroup Solution
58	Prakash Kumar Rajak	2015-2019	ECE	Bridgegroup Solution
59	Manish Kumar Gautam	2015-2019	ECE	Bridgegroup Solution
60	Lovely Kumari	2015-2019	ECE	Bridgegroup Solution
61	Ankita Sinha	2015-2019	ECE	Bridgegroup Solution
62	Debasish Das	2015-2019	ECE	Meetra Energy Pvt. Ltd.
63	Chanchala kumari	2015-	ECE	Meetra Energy Pvt. Ltd.

		2019		
64	Chandan kumar	2015-2019	ECE	Meetra Energy Pvt. Ltd.
65	Bipin Kumar	2015-2019	ECE	Meetra Energy Pvt. Ltd.
66	Pratik Kumar Mahali	2015-2019	ECE	Meetra Energy Pvt. Ltd.
67	Dipesh Beck Bhagat	2015-2019	ECE	TOSHA INTERNATIONAL
68	Akansha	2015-2019	ECE	TCS/ARTECH/GATE SCORER
69	Anuj Kumar Soni	2015-2019	ECE	PIE INFOCOM Pvt Ltd.
70	Jai Prakash	2015-2019	ECE	SCOPE TELECOM
71	Suraj Prasad	2015-2019	ECE	SCOPE TELECOM
72	Anukriti Gupta	2015-2019	ECE	ARTECH
73	Manish Kumar Gautam	2015-2019	ECE	GATE SCORER
74	Shivani	2015-2019	ECE	Nancy Impex Pvt. Ltd.
75	Shabana Parween	2015-2019	ECE	Nancy Impex Pvt. Ltd.
76	Shruti Sinha	2015-2019	ECE	Nancy Impex Pvt. Ltd.
77	Daraksha Afreen	2015-2019	ECE	Nancy Impex Pvt. Ltd.
78	Arun Rana	2015-19	ECE	PARAMATRIX TECHNOLOGIES
79	Anish Gautam	2015-2019	ME	Gulati Auto Electrical Pvt Ltd
80	Amit Kumar Mandal	2015-2019	ME	QH Talbros Pvt Ltd
81	Prakash Kumar Mahto	2015-2019	ME	QH Talbros Pvt Ltd
82	Shashi Ranjan Kumar	2015-2019	ME	Gulati Auto Electrical Pvt Ltd
83	Bimal Kishor Mahto	2015-2019	ME	Gulati Auto Electrical Pvt Ltd
84	Prakash Kumar Tiwary	2015-2019	ME	QH Talbros Pvt Ltd
85	Suryakant Sharma	2015-2019	ME	Gulati Auto Electrical Pvt Ltd
86	Manish Kumar Rajak	2015-	ME	Gulati Auto Electrical Pvt Ltd

		2019		
87	Suman Kumar	2015-2019	ME	QH Talbros Pvt Ltd
88	Anubhav Kumar Jha	2015-2019	ME	QH Talbros Pvt Ltd
89	Waquar Yonuse	2015-2019	ME	QH Talbros Pvt Ltd
90	Rohit Oraon	2015-2019	ME	Gulati Auto Electrical Pvt Ltd
91	Kesheb Kunal Tudu	2015-2019	ME	Gulati Auto Electrical Pvt Ltd
92	Randhir Kumar	2015-2019	ME	Gulati Auto Electrical Pvt Ltd
93	Anshu Kumar	2015-2019	ME	Gulati Auto Electrical Pvt Ltd
94	Kamal kishor Mahto	2015-2019	ME	Gulati Auto Electrical Pvt Ltd
95	Abdul Shahid	2015-2019	ME	Gulati Auto Electrical Pvt Ltd
96	Pradeep Kumar Mahto	2015-2019	ME	QH Talbros Pvt Ltd
97	Vicky Kumar	2015-2019	ME	QH Talbros Pvt Ltd
98	Rajesh kumar	2015-2019	ME	Gulati Auto Electrical Pvt Ltd
99	Akshay Kumnar Singh	2015-2019	ME	Artech Info System
100	Rishikesh Prasad Singh	2015-2019	ME	Kiran Udyod Pvt Ltd
101	Sourabh Subham	2015-2019	ME	Kiran Udyod Pvt Ltd
102	Nishant Prasad	2015-2019	ME	Gulati Auto Electrical Pvt Ltd
103	Abhishek Bhardwaj	2015-2019	ME	Gulati Auto Electrical Pvt Ltd
104	Dhananjay kumar	2015-2019	ME	Gulati Auto Electrical Pvt Ltd
105	Manmohan Mahato	2015-2019	ME	Gulati Auto Electrical Pvt Ltd
106	Mukesh mandal	2015-2019	ME	Gulati Auto Electrical Pvt Ltd
107	Mohan Kumar Modi	2015-2019	ME	Gulati Auto Electrical Pvt Ltd
108	Ajay Kumar	2015-2019	ME	Gulati Auto Electrical Pvt Ltd

14. Research & Development

One day workshop for faculty by Dr Uma Mudengudi, Dean R & D, KLE, University on “Workshop to Promote Research And Development”.



15. Workshop/Seminar/Conferences Held

- ❖ International Seminar on Research Methodology & Patent Filing on 01/03/20 by the delegates from Poland



- ❖ Workshop on Auto CAD and Solidworks by Dr. Ashimava Roy Choudhury, Mr. Sumit Ranjan, Mr Debabrata Panda (faculties of IIT Kharagpur) from 09-13 Nov 2019



- ❖ Course on FEM –Finite Element Methods conducted for Mechanical students & Faculty 27-31 March 2019 at REC



- ❖ Workshop on Machine Learning & AI for CSE students, 25.02.202 to 27.02.2020 at REC, Ramgarh



❖ Workshop on Latex, PCB designing, Micro-controller for ECE students, at REC, Ramgarh



16. Collaborative Research

Seven Collaborative research proposals have been submitted in which 2 proposal approved by the NPIU. One Research Proposal By Dr Abhinav Gautam “Investigation on Ratcheting behavior of Indian Rail Steel and Its micro structural Characterization” of grant 16,73,000/- and 2nd research proposal by Mr Madhwendra Nath “PCG & ECG Signal Analysis and New Algorithm development for detection of heart valve dys” of grant Rs. 12,00,000/-

17. Infrastructure Developed through TEQIP fund in 2019

Apart from lab equipments, various labs and three smart Classes developed for CSE, CE and BSH.





18. Start-Up & Entrepreneurship

- ❖ Our team visited the KLE University for Start-up activity.



- ❖ Start-up and entrepreneurship activities at REC, Ramgarh during 12th to 14th Feb, 2019



- ❖ Start Up and Ideation Camp from 7th April to 10th April 2019 by Dr Nitin Kulkarni from KLE University, Hubli



- ❖ 1 day Transformational workshop on Start up and Entrepreneurship By Mr Meghdoot Roy Choudhury & Mr Rajeev Ranjan



19. Extra Curricular Activities & Achievements

❖ Health Awareness Camp & Naturopathy –



❖ Tree Plantation



❖ Celebration of International Mother's Language day on 21 Feb 2019



- ❖ Yoga classes by Vyakti Bikash Kendra India from 12-17 Sep, 2019
- ❖ IEI membership for both students and faculties.
- ❖ Awarded with ISO certification to the college.

स खरादारा कर सभा पंचायता म कम्प्युटर चलान एव अन्य कार्या का लकर की गई थी पर आज तक जनरेटर कुछ मुखिया के घरो को शोभा बद्धा रही है कुछ पंचायत भवनों में धूल फांक रही है।

इंजीनियरिंग कॉलेज को मिला आईएसओ प्रमाणपत्र



रजशरणा : रामगढ़ इंजीनियरिंग कॉलेज को मिला आईएसओ (ISO 9001 : 2015) प्रमाणपत्र रामगढ़ इंजीनियरिंग कॉलेज के डॉ नजमुल इस्लाम चाइस प्रिंसिपल, जिन्होंने टेक्नो इंडिया ग्रुप, हेड ऑफिस, कोलकाता से यह प्रमाणपत्र प्राप्त किया। इस प्रमाण पत्र का मिलना कई मायनों में महत्वपूर्ण माना जाता है क्योंकि ,यह अन्य संस्थानों से अंतर्राष्ट्रीय अनुमोदन में मदद करता है।यह मजबूत करने के लिए एक आंतरिक प्रणाली के रूप में माना जाता है। हालांकि यह अंतरराष्ट्रीय स्तर पर कौशल स्तर पर प्रबंधित है यह अंतरराष्ट्रीय स्तर पर पहचान के साथ दूसरे संस्थानों में बढ़त हासिल करने में भी मदद करता है।डॉ नजमुल इस्लाम ने कॉलेज के सभी विद्यार्थियों को इस प्रमाणपत्र मिलने पर बधाई दी और इसे कॉलेज की भविष्य के लिए एक महत्वपूर्ण उपलब्धि बताई। इसके मिलने से छात्रों में भी हर्ष का माहौल है।

- **NPTEL Local Chapter**

This college has the facility of NPTEL Local Chapter and hence has the local storage of all NPTEL online courses. Furthermore, this college can be an



examination center for NPTEL online certification courses.

- **Placement Opportunities to students**

The institute has organized several professional training and grooming sessions by experts to make students competent for the recruitment drives. Nowadays, interpersonal skills are absolute need to meet the requirements of the recruiters. Three grooming sessions were conducted in campus and one technical training was conducted at Salt Lake, Kolkata where around 150 final year students participated. All the training and grooming sessions were organized by highly skilled professionals and industry-oriented experts. Due to this endeavor, students have successfully passed the initial barriers in the campus recruitment drive. A total of 25 – 30 recruitment drive, both pool campus and on campus, were organized for the students of this institution.

- **Exceptional performance of students in Vinoba Bhave University**

Our students have performed significantly well in academics. Pass-ratio is remarkably high than other colleges in University. Furthermore, some students have performed surpassingly well to be the university topper. The passing percentage is around 90% on average. To be specific, students of some departments have been performing discernible in consistent.

- **Library**

Fully equipped and developed library is present in this institution. The book bank consists of 18674 books along with several journals. Furthermore, the library has indigenously developed digital library with 1000 e-books in the local server. The college intends to add a further amount of 5000 e-books to be uploaded to the local server by the end of this year. Students in the college campus having access to the college internet can easily access the e-books.





- **Fully Wi-Fi campus**

Entire campus is Wi-Fi enabled with a speed of 16MBps. Students can access internet facilities from their hostel rooms. Faculties can also use the internet service from their residence throughout the day.

- **Technical Fest ‘Techfeasta’**

For last three years, this college has been organizing annual technical fest *Techfeasta*. Students from all other schools and colleges participate in the program demonstrating their technical knowledge and skills. It promotes and enhances the students to develop technical skills, explore new age technologies and a collaborative nature to work as a group.

- **Pradhan Mantri Kaushal Vikas Yojna (PMKVY)**

Apart from its own activities, this institution has participated in several government programs like PMKVY. The faculty members of this college are actively engaged in imparting education to the local uneducated people to enable them as technically skilled laborer under this program.

- **‘Vittiya Saksharta Abhiyan’ (VAS)**

This institution is also dedicated to the society and hence participated in ‘Vittiya Saksharta Abhiyan’ as a step towards demonetisation and Digital

India. It has organized a seminar on cashless transactions and provided the local administration around 15 students for spreading the awareness for demonetisation in locality.

- **Funding assistance from TEQIP III**

Our college is among the few privileged institutes in Jharkhand, which have got TEQIP III fund assistance. We have already started & accomplished many works under this project (like Language lab, computer lab, subscription of e-journals etc). Our faculties & students are constantly receiving training from several IITs and IIMs on many subjects under this project. We are providing several coaching assistances to the students by the industry/professional people related to the field.

- **Playground developed and achievements**

As we all know playing games is part of study, we have already developed three playgrounds: Football, Basket Ball and Volley Ball.

- i) REC football team won state level championship (VIRJA 2019)
- ii) REC volleyball team became runners up in state level championship.
- iii) REC basketball team became quarter finalist in state level championship.
- v) We have organized annual sports in our campus.

- **Teaching Learning Process–Outcome Based Education**

We are following Outcome Based Education here. Our teaching learning process is as follows:

- A lesson plan must be prepared by every teacher for each subject. Lesson Plan contains course outcomes and its mapping with Program Outcome and Program Specific Outcome, Syllabus with Lecture plan, information about books, topic wise Learning Outcome with sample questions. This lesson plan must be given to all the students by the concern faculty members.
- Teaching Learning Process may be Chalk-Talk, PPT, project based, etc.

- 80% of Syllabus is taught by Teacher and 20% (Easier Portion) of the syllabus is taught by the Students themselves.
- Group Study Environment is conducted once in a month by each faculty for each subject.
- Each batch is divided into several groups of maximum Five Students. Each group must submit two mini projects with softcopy reports, one from the subject knowledge of previous semesters and another from the knowledge of current semester. One project must be submitted within one month and another may be submitted in the end of the semester.
- Each faculty must take at least two Quiz test of 20 marks for each subject. All of these must belong to Blooms Taxonomy levels.

20. Financial Report 2019-20

<i>Total Revenue</i>	Rs.
<i>Total Expenses</i>	Rs.
<i>Surplus over Expenses</i>	Rs.

Audit report is attached as part of this Report

AUDIT OF FY 2019-20 IS IN PROGRESS AND WILL BE SUBMITTED ONCE COMPLETED