



Indore Institute of Science and Technology, Indore

Mandatory Disclosures

1. Name of the Institution :-

INDORE INSTITUTE OF SCIENCE AND TECHNOLOGY, INDORE

Opp IIM, Pithampur bypass road , Rau , Indore

Pin – 453331, Telephone No . 0731-4010520, 585

Mobile No. 9926530687

Email ID: - principal@indoreinstitute.com

2. Name and address of the trust/Society /Company and the Trustees

Shail Educational & Welfare Society

Opp IIM, Pithampur bypass road , Rau , Indore

Pin – 453331, Telephone No . 0731-4010520, 585

Mobile No. 9926530687

Email ID: - principal@indoreinstitute.com

3. Name and address of the Principal :-

Name	Address	Mobile No	Email
Dr. Keshav Patidar	Opp IIM, Pithampur bypass road , Rau , Indore	9926530687	principal@indoreinstitute.com

4. Name of the affiliating University :-

Rajiv Gandhi Proudhyogiki Vishwavidhyalaya , Bhopal

Air Port bypass Road, Gandhi Nagar, Bhopal (M.P.) – 462033

0755-2678855 ooregistrar@rgtu.net

5. **Governance :-**

- Member of the Board and their brief background

Name	Designation
MR SARVESH AGARWAL	President
MR PRASHANT AGARWAL	Member
MR VIJAY	Member
MR JYOTI AGARWAL	Member
MRS CHANDNI AGARWAL	Secretary
MR ARUN KEDIA	Member
MRS NIRMAL KEDIA	Member

- Member of Academic Advisory Body
- Frequently of the board meeting and academic advisory body
- Organizational chart and process
- Nature and extent of involvement of faculty and students in academic affairs /Improvements

- Mechanism /Norms and procedure for democratic /good governance **YES**
- Student feedback on institutional governance /faculty performance **YES**
- Grievance redressal mechanism for faculty , staff and students **AVAILABLE**
- Establishment of Anti Ragging committee

Sr. No.	Anti-Ragging Committee			
	Name	Designation	Email-ID	Mobile No.
1.	Dr. Keshav Patidar (Principal)	Head of Committee	keshav.patidar@indoreinstitute.com	9926530687
2.	Dr. Rajkumar Jain (Dean-CSE, IT & AIML)	Member	rajkumar.jain@indoreinstitute.com	9770397535
3.	Dr. Dheerendra Vikram Singh (HOD-ME)	Member	dheerendrav.singh@indoreinstitute.com	9827215156
4.	Dr. Namrata Kaushal (HOD-ESH)	Member	namrata.kaushal@indoreinstitute.com	9826075667
5.	Dr. Samatha Singh (HOD-CM)	Member	samatha.singh@indoreinstitute.com	9165359797
6.	Dr. Niraj K. Soni (HOD-Civil)	Member	niraj.soni@indoreinstitute.com	9977025413
7.	Mr. Ankit Jain (HOD-ECE)	Member	ankit.jain@indoreinstitute.com	9827596927
8.	Dr. Dheeraj Rane (HOD-CSE)	Member	dheeraj.rane@indoreinstitute.com	9826077900
9.	Dr. Sathish Penchala (HOD-IT, AIML)	Member	sathish.penchala@indoreinstitute.com	9561263763

10.	Mr. Puneet Duggal (Associate Professor, IT)	Member	puneet.duggal@indoreinstitute.com	9893186681
11.	Dr. Vivek Mishra (Associate Professor, ME)	Member	vivek.mishra@indoreinstitute.com	9692464847
12.	Mr. Naman Gandhi (Asst. Prof. ME)	Member	naman.gandhi@indoreinstitute.com	7974188072
13.	Mr. Gajendra Dubey (Registrar)	Member	gd@indoreinstitute.com	9165360604
14.	Mr. Nishant Bansal (Admin Officer)	Member	nishant.bansal@indoreinstitute.com	9826471177
15.	Mr. Sukhdev Bamboriya (Dean-Physical Education)	Member	sports@indoreinstitutute.com	8959363653
16.	Mr. Ashok K. Panday (Warden-Boys Hostel)	Member	ashok.panday@indoreinstitute.com	9993077763
17.	Ms. Kirti Chaubey (Warden-Girls Hostel)	Member	kirti.chaubey@indoreinstitute.com	9454814820
18.	Mr. Narendra Singh Raghuvanshi Inspector (SHO, Thana Rau, Indore)	Member	tirauindore@gmail.com	7049108859
19.	Mr. Niranjan Verma (Media Center, Indore)	Member	mediacentre.pr@gmail.com	9425057478
20.	Mrs. Rewa Mishra (NGO-R.E.S.W.S.)	Member	rewamisra3011@gmail.com	7000613309
21.	Ms. Santosh Kale (Parent)	Member	kalesandesh66@gmail.com	9424590070
22.	Mr. Rajesh Patidar (Parent)	Member	patidarashish173@gamil.com	9827367069
23.	Mr. Sparsh Rathi (Senior Student)	Member	sparsh.rathics2018@indoreinstitute.com	9009108306

24.	Mr. Aarya Dubey (Junior Student)	Member	dubey2021@indoreinstitute.com	8319674512
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- Establishment of online Grievance Redressal Mechanism **YES**
- Establishment of Grievance Redressal Committee in the institution and appointment of OMBUDSMAN by the University

Sr. No.	Name	Designation	Contact No.	Email ID
1.	Dr. Keshav Patidar	Chairman	9926530687	grievances@indoreinstitute.com
2.	Dr. Rajkumar Jain	Co-Chairman	9770397535	rajkumar.jain@indoreinstitute.com
3.	Dr. Dheerendra V. Singh	Secretary	9827215156	dheerendrav.singh@indoreinstitute.com
4.	Dr. Vivek Mishra	Member	96924 64847	vivek.mishra@indoreinstitute.com
5.	Dr. Samatha Singh	Member	9165359797	samatha.singh@indoreinstitute.com
6.	Dr. Niraj Soni	Member	9977025413	niraj.soni@indoreinstitute.com
7.	Mr. Gajendra Dubey	Member	9165360604	gd@indoreinstitute.com
8.	Mr. Rajesh Tiwari	Member	9926439911	tiwari@indoreinstitute.com
9.	Ms. Tanisha Chawada	Member	7389059735	tanishachawada369@gmail.com

- Establishment of Internal Complaint Committee(ICC)

Sr. No.	Name	Designation	Contact No.	Email ID
1.	Dr. Samatha Singh	Presiding Officer	9165359797	samatha.singh@indoreinstitute.com

2.	Dr. Parimeeta Chanchani	Member	9981161212	parimeeta.chanchani@indoreinstitute.com
3.	Dr. Namrata Kaushal	Member	9826075667	namrata.kaushal@indoreinstitute.com
4.	Mr. Rajesh Bhandari	Member	9009502734	rb@indoreinstitute.com
5.	Ms. Kriti Vishwakarma	Member	9329663499	kv@indoreinstitute.com
6.	Mr. Gajendra Dubey	Member	9165360604	gd@indoreinstitute.com
7.	Ms. Kirti Chaubey	Member	9454814820	kirti.chaubey@indoreinstitute.com
8.	Ms. Madhavi Joshi	Member	6266151115	madhavj831@gmail.com
9.	Ms. Pragya Balothiya	Member	8435845307	pragya.balothiya@gmail.com
10.	Mr. Sparsh Rathi	Member	9009108306	sparsh.rathics2018@indoreinstitute.com
11.	Ms. Rewa Mishra (NGO-R.E.S.W.S.)	Member	7000613309	rewamisra3011@gmail.com

• Establishment of Committee for SC/ST

Sr. No.	Name	Designation	Contact No.	Email ID
1.	Dr. Keshav Patidar	Chairman	9926530687	keshav.patidar@indoreinstitute.com
2.	Dr. Dheerendra V. Singh	Member	9827215156	dheerendrav.singh@indoreinstitute.com
3.	Dr. Dheeraj Rane	Member	9826077900	dheeraj.rane@indoreinstitute.com
4.	Mr. Shailendra Singh	Member	9713240403	shailendra.singh@indoreinstitute.com
5.	Mr. Pankaj Malviya	Member	9826674572	pankaj.malviya@indoreinstitute.com
6.	Mr. Anil Verma	Member	9826081720	anil.verma@indoreinstitute.com
7.	Ms. Uma Kadam	Member	8889574131	uma.kadam@indoreinstitute.com
8.	Mr. Gajendar Dubey	Member	9165360604	gd@indoreinstitute.com
9.	One Member from DTE (As nominated by the DTE, Bhopal)			
10.	One Member from University (As nominated by the RGPV, Bhopal)			

- Internal Quality assurance cell

Internal Quality Assurance Cell of IIST:

1. Shri Arun S. Bhatnagar (Management representative)
2. Dr Keshav Patidar
3. Dr Niraj Soni
4. Dr Dheerendra V. Singh
5. Dr Rajkumar Jain
6. Dr Samatha Singh
7. Mr Puneet Duggal
8. Mr Ankit Jain (Coordinator)
9. Dr NamrataKaushal
10. Mr Rajesh Bhandari
11. Mrs. Kriti Vishvakarma
12. Mr Nishant Bansal
13. Dr Rupesh Shukla (external expert member)
14. MrSachinDhanotiya (Director and Cofounder of AiTrillion)(Industry representative)
15. Mr.PushpajeetCholkar (Alumni representative)
16. Anurag Mishra (student representative)
17. Mishthishandilya (student representative)

Objective

- To develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution.

- To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices.

Functions

- Development and application of quality benchmarks for various academics and administrative activities of the institution
- Facilitating the creation of a learner-centric environment conducive to quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process;
- Collection and analysis of feedback from all stakeholders on quality-related institutional processes;
- Dissemination of information on various quality parameters to all stakeholders;
- Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles;
- Documentation of the various programmes/activities leading to quality improvement;
- Acting as a nodal agency of the Institution for coordinating quality-related activities, including adoption and dissemination of best practices;
- Development and maintenance of institutional database through MIS for the purpose of maintaining /enhancing the institutional quality;
- Periodical conduct of Academic and Administrative Audit and its follow-up
- Preparation and submission of the Annual Quality Assurance Report (AQAR) as per guidelines and parameters of NAAC.

6. Programmes

Program	Course	Intake	Fee (Approved by AFRC)	Cut off marks (maximum-minimum)			Duration
				2019	2020	2021	
B.Tech.	Computer Science & Engg.	180	60000	96.8 - 26	96-2	92.37-19.7	4 Yr
	Electronics & Comm. Engg.	60	60000	84.2 - 11	93.47-7.92	83.3-1.49	4 Yr

	Information Technology	60	60000	82.6 - 13	85.89-2.92	83.77-0.11	4 Yr
	Mechanical Engg.	60	60000	78.8 - 09	90.24-5.49	71.31-2.66	4 Yr
	Civil Engg.	60	60000	72.6 - 08	79.81-2.41	60.70-3.91	4 Yr
	Chemical Engg.	60	60000	89.6- 11	85.84-8.26	74.89-2.17	4 Yr
	Artificial Intelligence and Machine Learning	60	60000	-	-	88.58-.22	4 Yr
M.E.	Machine Design	18	60000	-	-	-	2 Yr
	Digital Communication	09	60000	-	-	-	2 Yr
	Computer Science & Engg	18	60000	-	-	-	2 Yr

NBA ACCREDITATION STATUS		
1	Programmes/courses Accredited	List of NBA accredited programmes/courses to be shown with Accreditation letters/duration of accreditation (3 years/ 6 years)
2	Applied for Accreditation	
	A. Applied but visit not happened	Not applied
	B. Visit happened but result awaited	

NAAC ACCREDITATION STATUS		
1	Accredited	Accreditation grade may be shown
2	Applied for Accreditation	Application is in process
	A. Applied but visit not happened	
	B. Visit happened but result awaited	

Placement Facility:-

<u>Programme</u>	<u>Minimum Salary</u>			<u>Maximum Salary</u>			<u>Average Salary</u>		
	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>
<u>B. Tech .</u>	<u>1.8</u> <u>Lac</u>	<u>2.4</u> <u>Lac</u>	<u>2.00</u> <u>Lac</u>	<u>7.5</u> <u>Lac</u>	<u>12</u> <u>Lac</u>	<u>3.00</u> <u>Lac</u>	<u>4.65</u> <u>Lac</u>	<u>7.2</u> <u>Lac</u>	<u>5.00</u> <u>Lac</u>

- Name and duration of Programme (s) having twining and collaboration with foreign university (s) and being run in the same campus along campus along with status of their AICTE approval . If there is foreign collaboration, give the following details. **[Not Applicable]**

Faculty :-

one page profile of faculty

- Permanent Faculty** :- **112**
- Adjunct Faculty** :- **00**
- Permanent Faculty : Student Ratio** :- **1:20**

- Number of Faculty employed and left :- 48

during the last three years

Profile of Principal:-

<u>Name</u>	<u>DOB</u>	<u>Unique ID</u>	<u>Education Qualification</u>	<u>Work Experience</u>	<u>Area of Specialization</u>	<u>Research Guidance</u>	<u>Research Publication</u>
Dr Keshav Patidar	<u>26/02/1977</u>	1-9313673288	Ph.D, M.Tech., B.E.	17	Power Electronics	02	08

9. Fees:-

- Details of fee , as approved by state fee committee , for the Institute

As per Admission & Fee Regulatory Committee , Bhopal

- Time schedule for payment of fee for the entire programme

Two installments

- No of fee waiver granted with amount and name of students
- Number of scholarship offered by the Institution , duration and amount

S.No	Branch	Enrollment No	Name	Father	admitted Status	Fee Waived (4 years)
1	CE	0818CE211033	TANISHA PARWANI	VINOD PARWANI	TFW	60,000/-
2	CE	0818CE211009	AVADH BIHARI PANDAY	PAWAN KUMAR PANDAY	TFW	60,000/-
3	CSE	0818CS211160	SHIVSHANKAR DANGI	RADHESHYAM DANGI	TFW	60,000/-

4	CSE	0818CS211033	ANUBHA MAHAJAN	SACHIN MAHAJAN	TFW	60,000/-
5	CSE	0818CS211132	PRATHA RAJ SINGH	RAJENDRA SINGH	TFW	60,000/-
6	CSE	0818CS211096	KUNAL SOLANKI	UMESH SOLANKI	TFW	60,000/-
7	CSE	0818CS211114	NIHARIKA SAHU	HEMRAJ SAHU	TFW	60,000/-
8	CSE	0818CS211133	PRITAM NAGAR	GAGAN NAGAR	TFW	60,000/-
9	CSE	0818CS211154	SARTHAK JOLEYA	RAJESH JOLEYA	TFW	60,000/-
10	CSE	0818CS211165	SOURABH TANWAR	KARAN SINGH TANWAR	TFW	60,000/-
11	EC	0818EC211004	ADARSH SHARMA	GIRIRAJ SHARMA	TFW	60,000/-
12	EC	0818EC211060	UTKARSH DUBEY	SANJAY DUBEY	TFW	60,000/-
13	IT	0818IT211049	RAHUL YADAV	CHANDRASHEKHAR YADAV	TFW	60,000/-
14	IT	0818IT211023	KAMAL NARAYAN BAJPAI	UDAY NARAYAN BAJPAI	TFW	60,000/-

- Criteria for fee waivers /scholarship

Fee waiver as per merit of JEE

- Estimated cost of boarding and lodging in hostels

GIRLS AND BOYS HOSTELS AND ANNUAL FEES STRUCTURE					
Girl/Boy	Fees per student	Room occupancy	Caution Money Refundable	Annual Bus Fees optional	In Summer Extra Electricity charges for coolers
Girl	98000/-	2 Beds	5000/-	7000/-	900 per month/per room
	94000/-	3 Beds			
Boy	94000/-	3 Beds			

- Any other fees please specify

10. Admission

- Number of seats sanctioned with the year of approval

B. Tech (CSE, EC, IT, ME, CE, CM, AIML) :- 540 Seats 2021-22

M.E. (MD, DC & CSE) :- 45 Seats 2021-22

- Number of students admitted under various categories each year in the last Three year

Program	Years	SC	ST	OBC	Gen
B.Tech	2019-20	41	08	221	251
	2020-21	32	10	179	215
	2021-22	51	14	232	217
M.E.	2019-20	0	0	02	02
	2020-21	0	0	01	02
	2021-22	0	0	0	03

- Number of application received during last two years for admission under management Quota and number admitted

[Not Applicable]

11. Admission Procedure :-

- Mentioned the admission test being followed , name and address of test agency /State admission Authorities and its URL (Website)

JEE/ GATE Examination conduct by National Test Agency

National Test Agency

Address : C-20 1A/8 ,Sector 62,IITK Outreach Centre,NOIDA-201309

URL (Website) :- Nta.ac.in

- Number of seats allotted to different test qualified candidate separately

Program	Examination	Seats
B.Tech	JEE	540
M.E.	GATE	54

- Calendar for admission against management /vacant seats :

[Not Applicable]

12. Criteria and weight ages for Admission

<u>Program</u>	<u>Minimum % for General category</u>	<u>Minimum % SC/ST/OBC category</u>
B.Tech	45%	40%
M.E .	50%	45%

- Mentioned the cut-off levels of percentage and percentile score of the candidates in the admission test for the three years

Program	Course	Cut off marks (maximum-minimum)		
		2019	2020	2021
B.Tech.	Computer Science & Engg.	96.8 – 26	96-2	92.37-19.7
	Electronics & Comm. Engg.	84.2 – 11	93.47-7.92	83.3-1.49
	Information Technology	82.6 – 13	85.89-2.92	83.77-0.11
	Mechanical Engg.	78.8 – 09	90.24-5.49	71.31-2.66
	Civil Engg.	72.6 – 08	79.81-2.41	60.70-3.91
	Chemical Engg.	89.6- 11	85.84-8.26	74.89-2.17
	Artificial Intelligence and Machine Learning	-	-	88.58-.22

13. List of applicants :-

- List of candidates whose applications have been received along with percentile /Percentages core for each of the qualification examination in separates categories for open seats . List of candidate who have applied along with percentage and percentile score for management quota seats (marit wise)

[Admission counseling for Technical Courses is conduct by Directorate of Technical Education, Bhopal.]

14. Results of admission under management seats /vacant seats

[Not Applicable]

15. Information of Infrastructure and Other Resources Available

- Number of class rooms and Size of each :-**36 Rooms each 75sqm (avg)**
- Number of Tutorial rooms and Size of each:-**04 Rooms each 75sqm (avg)**
- Number of Laboratories rooms and Size of each:- **36 Rooms each 75sqmt**
- Number of Drawing halls with capacity of each:- **01Rooms each 171sqm**
- Number of computer centres with capacity of each:- **03 no with 500 capacity**
- Central examination facility number of rooms and capacity of each **available**
- Online examination facility (Number of Nodes, internet bandwidth,etc) **available**
- Barrier free built environment for disabled and elderly persons **available**
- Occupancy certificate **Available**
- Fire and safety certificate **Available**
- Hostel facilities **Available**
- **Library**
- Number of library books /Titles /Journals available (Programme –wise)
Books :- **73214** Title :- **6231**
- List of online National /International Journal subscribed
National Journal: **36** International Journals: **36**
- E-Library facilities :- **Available**
- National Digital Library (NDL) subscription details **INMPNCGPDF8093C**

- **Laboratory and workshop**

Name of Laboratories & Department to which	Equipment/machines available in the
attached	Laboratories
Applied mechanics / Mechanical	Simple Jib crane
	Bell crank lever (universal force Table)
	pulley block
	Bending beam apparatus
	simply supported beam
	Friction slide app.
	inclined plane app.
	Single winch crane
	Double winch crane
	Flywheel 25cm dia
	Flywheel 15cm dia
	Gravesand app.
	stop watch
	slotted Weight hanger
	Scale
	truss app.
	Weight box
	Worm & worm Wheel
Kinematic of M/c / Mechanical	Simple Bearings
	Bush Bearings
	Open Truck Bearings
	Plumber Block Bearings
	Foot step Bearings
	Ball Bearings
	Roller Bearings
	Taper Bearings
	Thrust Bearings
	Cam & follower
	Single Stage Spur Gear
	Two Stage Spur Gear
	Single Stage Spur Gear With intermediate
	Three Stage Spur Gear
	Single Stage Bevel Gear
	Single Stage Helical Gear

	Single Stage Spiral Gear
	Pantograph Apparalus
	Coriollis component of accederation App.
	Kinamatic Pairs
	Warm Gear
	Train of Gear Wheel simple
	Train of Gear Wheel Compound
	Apicycle Gear
	Apicycle Gear Sun & planat Tpye
	Link Mechanism Four Bar
	Resiprocating Engine Mechanism
	Oscillating Cylinder Mechanism
	Slider Crank Mechanism
	Model of Band Brake
	Model of Band & Block Brake
	Model of Internally Expanding Brake
I.C.Engine /Automobile Engg./ Mechanical	Four Stroke four Cylinder Petrol Engine Test
	Rig
	Four Stroke Single Cylinder Diesel Engine Test
	Rig
	Working Model of Hydraulic Brake
	Working Model of Differential gear assembly
	Model of Single Cylinder Two stroke Petrol
	Engine
	Working Model of Constant mesh Gear Box
	Working Model of Synchronised Gear Box
	Model of Single Cylinder Diesel Engine
	Model of S.U. Carburattor
	Model of Solex Carburattor
	Model of diesel Engine Fuel Pump
	Model of Mechanical Fuel Pump
	Bike Chesis
	Scooty Chasis
	Discover Engine
	Stunner Engine
	Activa Engine
	Hero Honda
	Electrical Fuel Pump
	Model of Surface Condenser
	Model of Evaporative Condenser
	Model of Counter Flow Jet Condenser

	Model of Parallel Flow Jet Condenser
	DUI Two stage Twin Cylinder Reciprocating
	Air Compressor Test Rig
Strength of Material / Mechanical	Universal Testing M/c
	Hardness Testing M/c
	Impact Testing M/c
	Polishing M/c
	Microscope
	Brinell Microscope
Basic Civil Engg. / Mechanical Engg.Dept.	20 meter Metric Chain
	30 meter Metric Chain
	Dumpy level
	Auto Level
	Vicats App.
	Compaction testing M/c
	Slump cone
	Leveling staff
	Theodolite
	2 meter Ranging Rod
	3 meter ranging rod
	Plane Table Survey Accessories
	15 meter Fiber Glass Tape
	Metallic Arrow
	Cross Staff
	Prismatic compass With Tripod
	Planimeter
	Surveyor Compass With Tripod
	Optical Line Ranger
Dynamics of M/c / Mechanical	Cam analysis Apparatus
	Universal governor App.
	Motorised Gyroscopic App.
	static & Dynamic Balancing App.
	Whirling of Shaft App.
	Vibration Lab
Basic Mechanical Engg/ Mechanical	MODEL OF FOUR STROKE PETROL ENGINE
	MODEL OF TWO STROKE PETROL ENGINE
	MODEL OF TWO STROKE DIESEL ENGINE
	MODEL OF LANCASHIRE BOILER
	MODEL OF LOCOMOTIVE BOILER
	MODEL OF COCHRAN BOILER

	MODEL OF BABCOCK AND WILCOX BOILER
	MODEL OF SIMPLE VERTICAL BOILER
	MODEL OF FEED CHECK VALVE
	MODEL OF HIGH STEAM LOW WATER SAFETY VALVE
	MODEL OF SPRING LOADED SAFETY VALVE
	MODEL OF DEAD WEIGHT SAFETY VALVE
	MODEL OF LEVER SAFETY VALVE
	MODEL OF SUPER HEATER
	MODEL OF SIMPLE STEAM ENGINE
	MODEL OF SIMPLE STEAM ENGINE WITH BOILER
	MODEL OF EXPANSION STEAM TRAP
	MODEL OF WATER GAUGE
	MODEL OF PRESSURE GAUGE
	MODEL OF ANTIPRIMING PIPE
	MODEL OF SIMPLE STEAM ENGINE WITH
	Ball Float steam trap
	BOILER AND ELECTRICITY GENERATOR
	MODEL OF FUSIBLE PLUG
	MODEL OF GREEN ECONOMIZER
	MODEL OF BLOW OFF COCK
	MODEL OF STEAM INJECTOR
	MODEL OF STEAM STOP VALVE
LAB: - FLUID MECHANICS Deppt. - Mech. Engg.	METACENTRIC HEIGHT OF SHIP MODEL APPARATUS
	BERNOULLI'S THEOREM APPARATUS
	VENTURIMETER AND ORIFICE METER APPARATUS
	FLOW THROUGH ORIFICE AND MOUTHPIECE APPARATUS
	PIPE FITTING APPARATUS
	PIPE FRICTION APPARATUS
	FLOW THROUGH NOTCHES APPARATUS
	REYNOLDS APPARATUS
LAB: - Turbo. Machines Deppt. - Mech. Engg.	PELTON WHEEL TURBINE TEST RIG
	KAPLAN TURBINE TEST RIG
	CENTRIFUGAL PUMP TEST RIG
	RECIPROCATING PUMP TEST RIG
	ROTARY COMPRESSOR TEST RIG

	2-STAGE 2-CYLINDER RECIPROCATING COMP. TEST RIG
	MODEL OF REACTION TURBINE
	MODEL OF STEAM TURBINE
	MODEL OF IMPULSES TURBINE
LAB: - COMPUTER INTEGRATED MANUFACTURING Deppt. - Mech. Engg.	XL MILL CNC BENCH MILLING MACHINE WITH STANDARD EQUIPMENTS
	AUTOMATIC TOOL CHANGER (6 STATION)
LAB: - REFRIGERATION & AIR CONDITIONING Deppt. - Mech. Engg.	VAPOUR ABSORBTION TRAINER
	VAPOUR COMPRESSION REFRIGERATION TEST RIG.
LAB: - HEAT & MASS TRANSFER Deppt. - Mech. Engg.	HEAT TRANSFER IN NATURAL CONVECTION
	THERMAL CONDUCTIVITY OF COMPOSITE WALL
	EMMISSIVITY MEASURMENT APPARATUS
	PARALLEL & COUNTER FLOW HEAT EXCHANGER
	SEPARATING & THROTTLING CALORIMETER WITH BOILER
	FORCED CONVECTION APPARATUS
	SHELL & TUBE HEAT EXCHANGER
CAE	NX6 SOLIDEDGE 30 USER
	ANSYS 12.1, 5 USER
Automobile Engg Lab	Battery charger
	Metal oil measuring cane
	Metal oil measuring cane
	Rubber hammer
	Globs
	Working suit
	Working shoes
	Lubrication oil (4T)
	Goggles
	Torque wrenches kit
	First Aid box

	Ring spanner set
	Ratchet handle
	Air filter
	Digital Clamp meter
	Oil filter
	Wrench set with socket and attachments
	Tool box
	Ratchet handle
	Ratchet handle
	Spark plug
	Screw driver set
	Open spanner set
	Oil filter
	Hacksaw frame
	Ratchet with Socket set
	Drilling machine
	Battery hydrometer
	Digital multimeter
	Screw driver set (- type)
	Screw driver set (+ type)
	Ring spanner set
	Open spanner
	Ratchet handle set
	Filer gauge
	Long nose plier
	Combination plier
	Digital caliper
	Puncher kit
	Side cutter plier
	Electric soldering iron
	Oil cane
	Hexagon socket key (LN key)
	Ball pin hammer
	Soldering past
	Solder wire
	post lift

Name of Laboratories & Department to which attached	Equipments/Machines available in the Laboratories
BASIC CIVIL LAB/ CIVIL ENGG DEPTT.	30 meter metric chain
BASIC CIVIL LAB/ CIVIL ENGG DEPTT.	20 meter metric chain
BASIC CIVIL LAB/ CIVIL ENGG DEPTT.	Dumpy level
BASIC CIVIL LAB/ CIVIL ENGG DEPTT.	Auto level
BASIC CIVIL LAB/ CIVIL ENGG DEPTT.	Vicats app.
BASIC CIVIL LAB/ CIVIL ENGG DEPTT.	Compaction factor test app.
BASIC CIVIL LAB/ CIVIL ENGG DEPTT.	Slump one
BASIC CIVIL LAB/ CIVIL ENGG DEPTT.	Leveling staff
BASIC CIVIL LAB/ CIVIL ENGG DEPTT.	Theodolite
BASIC CIVIL LAB/ CIVIL ENGG DEPTT.	2 meter ranging rod
BASIC CIVIL LAB/ CIVIL ENGG DEPTT.	3 meter ranging rod
BASIC CIVIL LAB/ CIVIL ENGG DEPTT.	15 meter fiber glass tap
BASIC CIVIL LAB/ CIVIL ENGG DEPTT.	Metallic arrow
BASIC CIVIL LAB/ CIVIL ENGG DEPTT.	Plane table survey accessories
BASIC CIVIL LAB/ CIVIL ENGG DEPTT.	Prismatic compass with tripod
BASIC CIVIL LAB/ CIVIL ENGG DEPTT.	Surveyor compass with tripod
BASIC CIVIL LAB/ CIVIL ENGG DEPTT.	Planimeter
BASIC CIVIL LAB/ CIVIL ENGG DEPTT.	Optical line ranger

BASIC CIVIL LAB/ CIVIL ENGG DEPTT.	Cross staff
MECHANICS LAB/ CIVIL ENGG DEPTT.	Simply jib crane
MECHANICS LAB/ CIVIL ENGG DEPTT.	Bell crane lever(universal force table)
MECHANICS LAB/ CIVIL ENGG DEPTT.	Pully block
MECHANICS LAB/ CIVIL ENGG DEPTT.	Bending beam app.
MECHANICS LAB/ CIVIL ENGG DEPTT.	Simply supported beam
MECHANICS LAB/ CIVIL ENGG DEPTT.	Friction slide app.
MECHANICS LAB/ CIVIL ENGG DEPTT.	Inclined plane app.
MECHANICS LAB/ CIVIL ENGG DEPTT.	Single winch crabs
MECHANICS LAB/ CIVIL ENGG DEPTT.	Double winch crabs
MECHANICS LAB/ CIVIL ENGG DEPTT.	Flywheel 25cm dia
MECHANICS LAB/ CIVIL ENGG DEPTT.	Flywheel 15cm dia
MECHANICS LAB/ CIVIL ENGG DEPTT.	Gravesend app.
MECHANICS LAB/ CIVIL ENGG DEPTT.	Stop watch
MECHANICS LAB/ CIVIL ENGG DEPTT.	Slotted weight hanger
MECHANICS LAB/ CIVIL ENGG DEPTT.	Scale
MECHANICS LAB/ CIVIL ENGG DEPTT.	Truss app.
MECHANICS LAB/ CIVIL ENGG DEPTT.	Weight box

MECHANICS LAB/ CIVIL ENGG DEPTT.	Worm & worm wheel
Name of Laborarories & Department to which attached	Equipments/Machines available in the Laboratories
Environment Engg.	Analysis kit
	Hot plate
	Water Bath(350*400*100)mm
	colony Counter (4 Digit,Led Display)
	Orsat gas Analyser (02)
	BOD Incubator
	COD Digestion Unit
	Electronic Balance
	Colony Counter (3 Digit,Led Display)
	Magnetic Stirrer with Hot plate
	Magnetic Stirrer with Speed Controller
Adv. Engg Chemistry	Heating Mantles (02) 1 ltr cap.
	Desicator
	Hot plate
	Water Bath(300*400*100)mm
	Water Bath(350*400*100)mm
	Photo Colorimetetr

	pH meter
	Muffle Furnance
	Polarimeter
Chemical Instrumentation	Conductivity meter
	pH meter
	Photo Colorimeter
	Spectro Photometer
	Polarimeter
	Pressure measurment using strain Gauge
	Measurment of water level using level indicator
	Turbidity Meter (02)
	Polarimeter
Material & Energy Balance	Wet & dry bulb thermometer (02)
	Wet & dry bulb thermometer (02)
	Hot plate Round
	Desicator
	Water Bath(300*400*100)mm
	Hot Air Oven

	Thermostate(03)
Fuel Technology	Penetrometer
	Universal penetrometer
	Steam Emulsification
	Tar Viscometer
	Redwood Viscometer No. 01 with Energy Regulator(02)
	Redwood Viscometer No. 02 with Energy Regulator(02)
	Cleavland Flash & Fire Point
	Cloud & Pour Point (02)
	Pansky Martin Flash Point
	Abel's Flash Point Apparatus
	Conradson Carbon Residue
Fluid Particle Mechanics	Saybolt Viscometer
	Hammer Mill
	Ball mill with Tachometer
	Cyclone Seprator
	plate & Frame Filter press
	Fluidized bed

	Test Sieves 8" BSS No. 4,5,6,10,12,14,16,18,25,35,44,52,72,85,100
	Test Sieves,8" BSS No. 120,150,170,200,240
	Led and Pan (02)
	Jaw Crusher
Heat Transfer	Dropwise/Filmwise condensation app.
	Open pan evaporator
	Single effect evaporator
Mass Transer I	Distillation Coloumn: Bubble Cap
	Steam Distllation Coloumn
	Absorption in packed bed
	Absorption in sieve plate column
	Absorption in wetted wall column
	Liquid-liquid extraction
	Vapor in air diffusion app.
	Solid in air diffusion app.
Mass Transfer II	Experimental Water Cooling Tower

	Swenson walker crystallizer
	Fluidized bed dryer/forced dryer
	Absorption in packed coloumn
Chemical Reaction Engineering	Continuisoly Stirred Tank Reactor (CSTR)
	Isothermal CSTR
	Cascade CSTR
	Plug Flow Reactor (Coiled tube type)
	Plug Flow Reactor (Straight tube type)
	Isothermal Plug Flow Reactor (Coiled Type)
	Packed Bed Reactor
	Air Compressor, 1/2 HP,2 CFM
Software	Chem CAD
Name of Laboratories & Department to which	Equipment/machines available in the
Attached	Laboratories
BCP-I - Computer Science Department	Computer (Wipro-Core2Duo 2.93 GHz,2 GB DDR-III RAM, 320 GB HDD, 15.6" TFT Monitor) - 30 Nos
	L2-Managed 48 Port Switch (D-Link)- 01 Nos

	Laser Printer (HP) -01 Nos
BCP-II -Computer Science Department	Computer (Wipro-Core2Duo 2.93 GHz,2 GB DDR-III RAM, 320 GB HDD, 15.6" TFT Monitor) - 30 Nos
	L2-Managed 48 Port Switch (D-Link)- 01 Nos
	Laser Printer (HP) -01 Nos
C/C++ Lab -Computer Science Department	Computer (Intel i3, 4 GB RAM, 500 GB HDD, 15" LED , Keyboard, Mouse) - 30 Nos
	L2-Managed 48 Port Switch (D-Link)- 01 Nos
	Laser Printer (Canon) -01 Nos
Dot Net Lab -Computer Science Department	Computer (Intel i3, 4 GB RAM, 500 GB HDD, 15" LED , Keyboard, Mouse) - 30 Nos
	L2-Managed 48 Port Switch (D-Link)- 01 Nos
	Laser Printer (Canon) -01 Nos
Java Lab -Computer Science Department	Computer (Intel i3, 4 GB RAM, 500 GB HDD, 15" LED , Keyboard, Mouse) - 30 Nos
	L2-Managed 48 Port Switch (D-Link)- 01 Nos
	Laser Printer (Canon) -01 Nos
Soft Computing Lab	Computer (Intel i3, 4 GB RAM, 500 GB HDD, 15" LED , Keyboard, Mouse) - 30 Nos
	L2-Managed 48 Port Switch (D-Link)- 01 Nos
	Laser Printer (Canon) -01 Nos
Linux Lab -Computer Science Department	Computer (Intel G645 2.90 GHz,4 GB DDR-III RAM, 500 GB HDD, 15.6" LED Monitor) - 30 Nos
	L2-Managed 48 Port Switch (D-Link)- 01 Nos
	Laser Printer (Canon) -01 Nos

Internet Lab-Computer Science Department	Computer (Intel G645 2.90 GHz,4 GB DDR-III RAM, 500 GB HDD, 15.6" LED Monitor) - 30 Nos
	L2-Managed 48 Port Switch (D-Link)- 01 Nos
	Laser Printer (Canon) -01 Nos
Project Lab I & II - Computer Science Department	Computer (Wipro-Core2Duo 2.93 GHz,2 GB DDR-III RAM, 320 GB HDD, 15.6" TFT Monitor) - 30 Nos
	L2-Managed 48 Port Switch (D-Link)- 01 Nos
	Network Printer
	Laser Printer (Canon) -01 Nos
J2EE Lab -Computer Science Department	Computer (Wipro-Core2Duo 2.93 GHz,2 GB DDR-III RAM, 320 GB HDD, 15.6" TFT Monitor) - 30 Nos
	L2-Managed 48 Port Switch (D-Link)- 01 Nos
	Laser Printer (Canon) -01 Nos
MATLAB -Computer Science Department	Computer (Wipro-Core2Duo 2.93 GHz,2 GB DDR-III RAM, 320 GB HDD, 15.6" TFT Monitor) - 30 Nos
	L2-Managed 48 Port Switch (D-Link)- 01 Nos
	Laser Printer (Canon) -01 Nos
Communication Lab	Computer (Intel G645 2.90 GHz,4 GB DDR-III RAM, 500 GB HDD, 15.6" LED Monitor) - 30 Nos
	L2-Managed 48 Port Switch (D-Link)- 01 Nos
	Laser Printer (Canon) -01 Nos
	Headset
VLSI	Computer (Intel i3, 4 GB RAM, 500 GB HDD, 15" LED , Keyboard, Mouse) - 30 Nos

	L2-Managed 48 Port Switch (D-Link)- 01 Nos
	Laser Printer (Canon) -01 Nos
CAE LAB	Computer (Intel i3, 4 GB RAM, 500 GB HDD, 15" LED , Keyboard, Mouse) - 30 Nos
	L2-Managed 48 Port Switch (D-Link)- 01 Nos
	Laser Printer (Canon) -01 Nos
SIM LAB	Computer (Wipro-Pentium-D 3.06GHz, 2 GB RAM, 80 GB HDD, 15"TFT Monitor) - 30 Nos
	L2-Managed 48 Port Switch (D-Link)- 01 Nos
	Laser Printer (Canon) -01 Nos
Project Lab & Robotics- EC Department	Computer (Wipro-Core2Duo 2.93 GHz,2 GB DDR-III RAM, 320 GB HDD, 15.6" TFT Monitor) - 20 Nos
	L2-Managed 48 Port Switch (D-Link)- 01 Nos
	Laser Printer (Canon) -01 Nos
Advance .Net Lab	Computer (Intel i3, 4 GB RAM, 500 GB HDD, 15" LED , Keyboard, Mouse) - 30 Nos
	L2-Managed 48 Port Switch (D-Link)- 01 Nos
	Laser Printer (Canon) -01 Nos
E-Library	Computer (Wipro-Core2Duo 2.93 GHz,2 GB DDR-III RAM, 320 GB HDD, 15.6" TFT Monitor) - 40 Nos
	L2-Managed 48 Port Switch (D-Link)- 01 Nos
	Laser Printer (Canon) -01 Nos
Server Room	IBM X3400 M-III Server
	IBM X3200 M-II Server

	IBM X3200 M-II Server
	Network Printer
	Hardware Firewall
	L3- Managed Switch (CISCO)
	L2- Managed Switch (CISCO)
	CISCO Router
	42U Switch Rack
	D-Link Fiber Switch
	Hardwar Firwell

- **Computational Facilities**

- Internet Bandwidth :- 300 MBPS

- Number and configuration of system

Computer (Wipro-Core2Duo 2.93 GHz,2 GB DDR-III RAM, 320 GB HDD, 15.6" TFT Monitor) - 470 Nos

Computer (Intel i3, 4 GB RAM, 500 GB HDD, 15" LED , Keyboard, Mouse) - 60 Nos

- Total number of system connected by LAN ALL
- Total number of system connected by LAN ALL
- Major Software packages available 20
- Special purpose facilities available (Conduct of online meeting/webinars /workshop,etc) available

- Innovation cell
- Social media cell
- Compliance of the National Academic Depository (NAD), applicable to PGCM /PGDM institutions and university department.

(Not Applicable)

- **List of facilities available**

- Games and sports facilities :- **Available**
- Extra-curricular activities :- **Available**
- Soft skill development facilities :- **Available**

- **Technical Learning Process**

- Curricula and syllabus for each of the programmes as approved by the university **available at www.rgpv.ac.in**
- Academic calendar of the university **available at www.rgpv.ac.in**
- Academic time table with the name of the faculty members handling the course
- Teaching load of each faculty **Asst Prof: 16, Asso. Prof: 12, Prof:08 per week**
- Internal continuous evaluation system and place **As per university**
- Student's assessment of faculty , system in place **As per university**
- **For each Post Graduate Courses give the following :**
- Title of the course **Machine Design, Digital Communication, Computer Sc.**
- Curricula and syllabi **available at www.rgpv.ac.in**
- Laboratory facilities exclusive to the post graduate Course **available**
- Special Purpose

- Software ,all design tools in case **available**
- Academic Calendar and framework **as per RGPV Bhopal**
- **Enrollment and placement details of students in the 3years**

Enrollment Details of Three Year

		2019-20			2020-21			2021-22		
S.N o	Branch	Intake	Admitted	Enrollment	Intake	Admitted	Enrollment	Intake	Admitted	Enrollment
1	Mechanical Engg.	138	106	100	138	41	40	66	46	44
2	Elect. & Comm. Engg.	33	31	30	66	56	54	69	66	65
3	Computer Sc. & Engg.	207	206	204	207	207	207	207	206	205
4	Information Technology	69	68	65	69	68	68	69	68	68
5	Chemical Engg.	66	52	47	66	27	23	66	27	23
6	Civil Engg.	66	58	50	66	37	31	69	35	32
7	Artificial Intelligence and Machine Learning	-	-	-	-	-	-	66	66	65

Year 2018-19 Placement Details

SR.No.	Name of the Course	Companies Visited	Eligible Students	Placed in IT	Placed in Non IT	Total (IT+ Non IT)	Lowest Package(In Lakhs)	Highest Package(In Lakhs)
1	ELECTRONICS & COMMUNICATION ENGG	79	18	1	8	9	1	12
2	INFORMATION TECHNOLOGY	107	21	11	8	19	2	12
3	COMPUTER SCIENCE AND	107	148	52	59	111	2	12

	ENGINEERING							
4	MECHANICAL ENGINEERING	59	37	4	33	37	1	12
5	DIGITAL COMMUNICATIONS	0	0	0	0	0	0	0
6	MACHINE DESIGN	0	0	0	0	0	0	0
8	COMPUTER SCIENCE AND ENGINEERING	0	0	0	0	0	0	0
9	CIVIL ENGINEERING	45	8	0	8	8	1	12
10	CHEMICAL ENGINEERING	44	7	0	7	7	1	12

Year 2019-20 Placement Details

SR.No.	Name of the Course	Companies Visited	Eligible Students	Placed in IT	Placed in Non IT	Total (IT+ Non IT)	Lowest Package(In Lakhs)	Highest Package(In Lakhs)
1	ELECTRONICS & COMMUNICATION ENGG	45	21	15	3	18	2	12
2	INFORMATION TECHNOLOGY	50	10	10	1	10	2	12
3	COMPUTER SCIENCE AND ENGINEERING	50	191	145	30	175	2	12
4	MECHANICAL ENGINEERING	37	32	17	8	25	2	12
5	DIGITAL COMMUNICATIONS	0	0	0	0	0	0	0
6	MACHINE DESIGN	0	0	0	0	0	0	0
8	COMPUTER SCIENCE AND ENGINEERING	0	0	0	0	0	0	0
10	CIVIL ENGINEERING	32	11	3	8	11	2	12
11	CHEMICAL ENGINEERING	18	12	2	8	10	2	12

Year 2020-21 Placement Details

SR.No.	Name of the Course	Companies Visited	Eligible Students	Placed in IT	Placed in Non IT	Total (IT+ Non IT)	Lowest Package(In Lakhs)	Highest Package(In Lakhs)
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1	ELECTRONICS & COMMUNICATION ENGG	38	7	1	2	3	3	4
2	INFORMATION TECHNOLOGY	43	4	1	0	1	4	4
3	COMPUTER SCIENCE AND ENGINEERING	43	76	21	2	23	2	5
4	MECHANICAL ENGINEERING	29	13	0	3	3	2	2
5	DIGITAL COMMUNICATIONS	0	0	0	0	0	0	0
6	MACHINE DESIGN	0	0	0	0	0	0	0
7	COMPUTER SCIENCE AND ENGINEERING	0	0	0	0	0	0	0
8	CIVIL ENGINEERING	23	6	0	0	0	0	0
9	CHEMICAL ENGINEERING	22	8	0	0	0	0	0

16. List of Research Projects /Consultancy works

- Number of project carried out ,funding agency , grant received

Research projects funded by government and non government agencies during the last five years						
Name of the Principal Investigator/Co-investigator	Duration of the project	Name of the Project/ Endowments, Chairs	Amount Sanctioned	Name of the Funding Agency	Year of Award	Department of Principal Investigator
Dr. Amit Jain (One nominated scientist)	16-22 october 2018	DST - DESY Project to carry out the proposed experiment "Real - time GISAXS Investigation of magnetic metal (Cobalt/Iron) deposition onto biofriendly polymer" at P03, petra III beamline, DESY Hamburg, Germany	2,21,323/-	Jawaharlal Nehru Centre for Advanced Scientific Research Department of science and technology DST- Govt of India	2018	ESH

- Publications (if any) out of research in last three years out of master projects

<u>S. No</u> :	Title of paper	Name of the author/s	Department	Journals Name	Year of publication	ISBN/ISSN number	Journals Home Page URL	URL/LINK	UGC Care list/Scopus/Web of Science/other, mention	Paper Proof
1	Synthesis of Silver Nanoparticle for Improved Electricity Generation and Waste Water Treatment by Microbial Fuel Cell	Dr. Samatha Singh	CH EM IC AL	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2018	2321-9653	https://www.ijraset.com/	https://www.ijraset.com/fileservice.php?FID=16039	others	Yes
2	Bioplastic from Food waste	Mr. Rahul Gupta, Mr. Pankaj Malviya	CH EM IC AL	International journal for scientific research and development, Vol. 6 Issue 3;	2018	ISSN: 2321-0613	http://ijsrd.com/	http://ijsrd.com/Article.php?manuscript=IJSRDV6I30225#	others	Yes
3	Yield dependency parameters for the extraction of essential oils from different Techniques: A Review	Mr. Rahul Gupta	CH EM IC AL	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2018	ISSN: 2321-9653	https://www.ijraset.com/	https://www.ijraset.com/fileservice.php?FID=16241	others	Yes

				ET)						
4	Optimization and Fabrication of Sustainable Multi-Seed Drill Machine	Mr Naman Gandhi, Avinash Thakur, Akash Thakur, Shubham Rathod and Tinku Patel	MENCHANICAL	International journal for Scientific Research & Development	2018	2728-2731	http://ijsrd.com	Optimization and Fabrication of Sustainable Multi-Seed Drill Machine (ijsrd.com)		YES
5	Fabrication of Multipurpose Surveillance Drone.	Mr Naman Gandhi, Harshit Mehta, Ravindra Baghel, Akshay Gaikwad and Prafull Sharma	MENCHANICAL	International journal for Scientific Research & Development	2018	3483-3485	http://ijsrd.com	Fabrication of Multipurpose Surveillance Drone (ijsrd.com)		YES
6	Numerical Investigation Of Parabolic Leaf Spring For Composite Materials Using Ansys	Mr. Mohd. Kashif Salman	MENCHANICAL	Int. Journal of Engineering Research and Application	2018	2248-9622	www.ijera.com	10.9790/9622-0801015869		YES

7	Computer aided kinematics synthesis and dynamics analysis of robot end gripper mechanism	Mr. Sachin Badadhe	MECHANICAL	Int. Journal of Engineering Research and Application	2018	2248-9623	www.ijera.com	F0810043045.pdf (ijera.com)		YES
8	Fem based dynamics analysis of robot end gripper mechanism	Sachin Badadhe	MECHANICAL	International Journal of Engineering Science Invention (IJESI)	2018	2319-6734	www.ijesi.com	I0711025067.pdf (ijesi.org)		YES
9	Evaluation of connecting rods of different materials used in 4S-SI engines	Mr. Nirmal Kumar Patidar	MECHANICAL	International Journal for Scientific Research & Development	2018	2321-0613	www.ijesrd.com	IJSRD - International Journal for Scientific Research & Development Vol. 6, Issue 06, 2018 ISSN (online): 2321-0614		YES
10	Study and analysis of connecting rods of different materials used in 4S-SI engines	Mr. Nirmal Kumar Patidar	MECHANICAL	International Journal for Research in Technological Studies	2018	2348-1439	www.ijrts.com	https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&ved=2ahUKEwi0-d7rvOzyAhVGU30KHUOZBiKQFnoECAIQ&url=http%3A%2F%2Fwww.ijrts.com%2FDownloads1.php%3Ffile%3D180509001&usg=AOvVaw0pst1hYEBIJlwXB5U0ucK6		YES

11	“A REVIEW ON 5G COMMUNICATION SYSTEM USING DIFFERENT TECHNIQUES”	Mr. Ankit Jain, Mr. Devendra Singh Mandloi	Electronics & Communication Engineering	IJSRD	2018	ISSN: 2277-9655	http://www.ijesrt.com/issues%20pdf%20file/Archive-2018/August-2018/10.pdf	http://www.ijesrt.com/issues%20pdf%20file/Archive-2018/August-2018/10.pdf	YES
12	PERFORMANCE ANALYSIS OF UFBMC BASED WIRELESS COMMUNICATION FOR 5G TECHNOLOGIES WITH CONVOLUTION CODING TECHNIQUE	Mr. Devendra Singh Mandloi	Electronics & Communication Engineering	ACCENT JOURNAL OF ECONOMICS ECOLOGY & ENGINEERING	2018	SSN NO. 2456-1037	http://ajeee.co.in/index.php/ajeee/article/view/1101	http://ajeee.co.in/index.php/ajeee/article/view/1101	YES
13	WORMHOLE ATTACK IN MANET: A STUDY	Margi Patel	CS & IT	IJRSTM	2018	ISSN: 2455-9679, Volume 3 Issue 2	http://ijrstm.com	http://ijrstm.com/wp-content/uploads/2018/02/Margi-01-05.pdf	YES

14	Mind Education : A Review	Margi Patel	CS & IT	IJRMS	2018	ISSN: 2455-9679, Volume 3 Issue 9	http://ijrsm.com	http://ijrsm.com/wp-content/uploads/2018/09/Margi-33-35.pdf		YES
15	Smart Parking Based on IoT	Margi Patel	CS & IT	IJRMS	2018	ISSN: 2455-9679, 3(11)	http://ijrsm.com	http://ijrsm.com/wp-content/uploads/2018/12/Jayesh-25-28.pdf		YES
16	DESIGN AND IMPLEMENTATION OF CLOUD BROKER AND CLOUD BURSTING	Margi Patel	CS & IT	IJSRT	2018	ISSN: 277-9655	http://www.ijesrt.com	http://www.ijesrt.com/issues%20pdf%20file/Archive-2018/June-2018/43.pdf		YES
17	Spectroscopic Evaluation of Optical Parameters of a Transition Metal Salt Filled Polymer Material	Dr. Amit Jain	ES & H	Defence Science Journal, [DRDO - INDIA] Vol. 68, No. 2, March 2018, pp. 225-231,	2018	0011-748X (print), 0976-464X (online)	https://doi.org/10.14429/dsj.68.12331	https://doi.org/10.14429/dsj.68.12331	WEB OF SCIENCE	YES

18	Effect of over sizing of a centrifugal pump	Dr. Samatha Singh, Ms. Farhin Khan	CH EM IC AL	International Research Journal of Engineering and Technology (IRJET)	2019	ISSN: 2395-0056	https://www.irjet.net/	https://www.irjet.net/archives/V7/I11/IRJET-V7I11130.pdf	others	Yes
19	Advance Oxidation Process for waste water treatment ; A Review	Dr. Samatha Singh, Mr. Rahul Bhargava	CH EM IC AL	International Journal of Innovative Research in Science, Engineering and Technology	2019	2395-0056/072	http://www.ijirset.com/	http://www.ijirset.com/upload/2019/january/15_Advanced.pdf	others	Yes
20	Production of Organic Fertilizer from Garden Waste	Mr. Rahul Gupta	CH EM IC AL	Journal of Emerging Technologies and Innovative Research	2019	ISSN: 2349-5162	https://www.jetir.org/	http://www.jetir.org/papers/JETIR1904O38.pdf	others	Yes
21	A compressive study on solid and Hazardous waste Management	Mr. Rahul Bhargava	CH EM IC AL	International Journal of Innovations in Engineering Research and Technology	2019	2394-3696	https://www.ijert.org/	https://repo.ijert.org/index.php/ijert/article/view/1796	others	Yes

22	Stury of zinc electroplating on steel	Mr. Vivek Upadhyay	MECHANICAL	International Journal of Scientific & Engineering Research,	2019	2229-5518	www.ijser.org	Study of Zinc Electroplating on Steel (ijser.org)		YES
23	Parametric Study of Intz water tank with varying height to Diameter ratio using Staad Pro	Dr. Niraj Soni, Mr. Shailendra Singh	Civil	International Journal of Civil and Structural Engineering Research	2019	2348-7607	https://www.researchgate.net	https://www.researchgate.net/publication/348415852_Parametric_Study_of_Intz_water_tank_with_varying_height_to_Diameter_ratio_using_Staad_Pro	others	Yes
24	Proposal of Smart Mirror using Raspberry PI	MEGHA BIRTHARE, KALYANI TIWARI, Dipti Rege	CS & IT	IJETAE	2019	IJETAE	https://ijetae.com/files/Volume9Issue3/IJETAE_0319_10.pdf	https://ijetae.com/files/Volume9Issue3/IJETAE_0319_10.pdf		YES
25	Detection and Prevention Methodology for DoS Attack in Mobile ad-hoc Networks	Deepak Vishwakarma	CS & IT	IRJET	2019	2395-0056/2395-0072	https://www.irjet.net	https://www.irjet.net/archives/V6/i5/IRJET-V6I5875.pdf		YES

26	Microstructural and Optical Properties of Polyvinyl Alcohol/Manganese Chloride Composite Film	Dr. Amit Jain	ESH	POLYMER COMPOSITES [JOHN WILEY - USA] 40:E765–E775, 2019.	2019	02728397 (print), 15480569 (online)	https://doi.org/10.1002/pc.25017	https://doi.org/10.1002/pc.25017	SCOPUS	YES
27	Design of Sewage Treatment Plant for Small Town	Dr. Samatha Singh, Mr. Rahul Gupta	CH EM IC AL	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2020	ISSN: 2321-9653	https://www.ijraset.com/	https://www.ijraset.com/fileservice.php?FID=28900	others	Yes
28	Wastewater Treatment by Electrocoagulation Process: A Review	Mr. Pankaj Malviya	CH EM IC AL	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2020	2321-9653	https://www.ijraset.com/	https://www.ijraset.com/fileservice.php?FID=31474	others	Yes
29	Silver Recovery from X-Ray Film Waste: A Review	Mr. Prashant Kumbhkar	CH EM IC AL	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2020	ISSN: 2321-9653	https://www.ijraset.com/	https://www.ijraset.com/fileservice.php?FID=31748	others	Yes

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30	The effect of ethanol-methanol-diesel-microalgae blends on performance, combustion and emissions of a direct injection diesel engine	Dr. D.V. Singh	MECHANICAL	Sustainable Energy Technologies and Assessments	2020	2213-1388	https://www.sciencedirect.com/	https://doi.org/10.1016/j.seta.2020.100851		Yes
31	Optimization and Performance investigation of cascaded vapor compression absorption cycle (VCAC) using design of experiment "Taguchi Method"	Dr. D.V. Singh	MECHANICAL	Solid State Technology	2020	0038-111X	https://solidstatetechnology.us	https://solidstatetechnology.us/index.php/JSST/article/view/7543		Yes

32	Physical and Mechanical Behaviour of Epoxy/Hexagonal Boron Nitride/Short Sisal Fiber Hybrid Composites	Dr Vivek Mishra	MECHANICAL	Materials Today	2020	2214-7853	https://www.sciencedirect.com	https://www.sciencedirect.com/science/article/pii/S2214785320327656		YES
33	CFD Analysis of supersonic combustion at Mach 2 with K-E turbulence	Mr Shantanu Roy	MECHANICAL	IOP Conference Series: Materials Science and Engineering	2020	17578981, 1757899X	https://iopscience.iop.org	https://iopscience.iop.org/article/10.1088/1757-899X/810/1/012015/pdf		YES
34	Numerical investigation of radial compressor with ansys cfx-a review	Mr. Gaurav Dubey, Mr Shantanu Roy	MECHANICAL	INTERNATIONAL JOURNAL OF RECENT TECHNOLOGY SCIENCE & MANAGEMENT	2020	2455-9679	http://ijrstm.com/	http://ijrstm.com/wp-content/uploads/2020/12/Oct-Gaurav-96-101.pdf		YES
35	Numerical Investigation on performance characteristics on effects of inlet flow field conditions of centrifugal	Mr. Gaurav Dubey, Mr Shantanu Roy	MECHANICAL	INTERNATIONAL JOURNAL OF RECENT TECHNOLOGY SCIENCE & MANAGEMENT	2020	2455-9679	http://ijrstm.com/	http://ijrstm.com/wp-content/uploads/2020/12/Nov-Gaurav-108-114.pdf		YES

	compressor			NT						
36	Optimal design of a automotive leaf spring using ansys	Mr. Sujoy Banerjee, Mr Shantanu Roy	Mechanical	INTERNATIONAL JOURNAL OF RECENT TECHNOLOGY SCIENCE & MANAGEMENT	2020	2455-9679	http://ijrtsm.com/	http://ijrtsm.com/wp-content/uploads/2020/12/Sept-Sujoy-53-59.pdf		YES
37	Optimal design of a automotive parabolic leaf spring using ansys	Mr. Sujoy Banerjee	Mechanical	INTERNATIONAL JOURNAL OF RECENT TECHNOLOGY SCIENCE & MANAGEMENT	2020	2455-9679	http://ijrtsm.com/	IJRTSM		YES
38	BER and Gain Analysis of Wi-Max physical layer in QPSK Modulation technique in balanced Antenna	Mr. Atul Singh Kushwah	Electronics & Communication Engineering	AR Digitech IJEET	2020	ISSN: 2320-883X	http://v8i4.ar-digitech.in/	http://v8i4.ar-digitech.in/BER%20And%20Gain%20Analysis%20Of%20Wimax%20Physical%20Layer%20In%20QPSK%20Modulation%20Technique%20In%20Balanced%20Antenna%20Diversity.pdf		YES

	Diversity									
39	Fault Tolerance in Vehicular ad-hoc network with domestic refit	Rakesh jain, Margi Patel, Deepak Vishwakarma	CS & IT	JICR JOURNAL	2020	ISSN NO : 0022-1945	http://www.jicrjournal.com/	https://www.researchgate.net/publication/341622537_Fault_Tolerance_in_Vehicular_ad-hoc_network_with_domestic_refit		YES
40	AUTOMATIC STREET LIGHT CONTROL SYSTEM	Rakesh jain, Deepak Vishwakarma	CS & IT	JICR JOURNAL	2020	Volume: 02/Issue: 05/May-2020	http://www.jicrjournal.com/	https://www.researchgate.net/publication/341189897_Automatic_Street_Light_Control_System		YES
41	HUMANOID ROBOT (HERO)	Rakesh jain	CS & IT	IRJME TS	2020	Volume: 02/Issue: 05/May-2020	https://irjmet.com	https://irjmets.com/past-issue.php?i_id=22&v_id=64		YES

42	Assessment of IoT Gadget Management Tool	Rakesh jain, Megha Birthare	CS & IT	JICR JOURNAL	2020	International Journal	http://www.jicrjournal.com	http://www.jicrjournal.com/gallery/136-jicr-february-2463.pdf		YES
43	A Review Paper on IOT and its Data Protocol	Alpana Meena	CS & IT	IJERT	2020	2278-0181	https://www.ijert.org	https://www.ijert.org/a-review-paper-on-iot-and-its-data-protocol		YES
44	Indian E-Commerce Industry Startup Scenario with Trend and Opportunities	Pradeep Baniya	CS & IT	IJREAM	2020	ISSN : 2454-9150 Vol -05, Issue-11, Feb 2020	http://ijream.org	http://ijream.org/papers/IJREAMV05I1159072.pdf		YES
45	An Efficient Algorithm for High Utility Pattern Mining from Transactional Databases	Ritumbara Chauhan	CS & IT	EasyChair Preprint	2020	Journal of Technology & Engineering Sciences	https://easychair.org	https://easychair.org/publications/preprint/4pn1		YES

46	A Novel of VANETs utilizing fog (FCC) and edge computing (ECC) paradigm: Time Line Approach	Poorva Shukla	CS & IT	IEEE	2020	IEEE	https://ieeexplore.ieee.org	https://ieeexplore.ieee.org/document/9170709		YES
47	UNSAFE TRACT REVELATION AND INSPECTION USING MACHINE LEARNING VOLUME 8 ISSUE 4	Margi Patel	CS & IT	IJREAM	2020	ISSN : 2454-9150 Vol -06, Issue-01, Apr 2020	http://ijream.org	http://ijream.org/papers/IJREAMV06I0161063.pdf		YES
48	IMPLEMENTATION OF AN ANDROID APPLICATION FOR CRIME PREDICTION AND HIGHLIGHTING VULNERABLE AREAS OF A CITY	Margi Patel	CS & IT	IJREAM	2020	ISSN : 2454-9150 Vol -06, Issue-01, Apr 2020	http://ijream.org	http://ijream.org/papers/IJREAMV06I0161062.pdf		YES

49	PRIMEVAL DIAGNOSIS OF NOVEL CORONA VIRUS	Margi Patel	CS & IT	IJERA	2020	ISSN : 2248-9622 (Online)	http://www.ijera.com	http://www.ijera.com/papers/vol10no3/Series-1/L1003015760.pdf		YES
50	Isomorphism of Upper Locally Distributive Lattices on Graph Orientations	Dr. Namrata Kaushal	ES H	Journal of Interdisciplinary Cycle Research , Volume XII, Issue 1,	2020	(ISSN No. 0022-1945)	http://www.jicrjournal.com/CURRENT-ISSUE/	https://app.box.com/s/tdpsildcreoppvoim2wd4sohoiaeve0	UGC care-II	YES
51	Fuzzy Preopen Sets and Fuzzy Pre-continuity	Dr. Jyoti Gupta	ES H	Jananabha	2020	ISSN 2455-7463 (Online)	http://www.vijnanaparishadofindia.org/jnanabha	1. http://www.vijnanaparishadofindia.org/jnanabha/volume-50-no-2-2020/p5	UGC Approved	YES
52	Optical studies of Rhodamine B doped polymethyl methacrylate (PMMA) films	Dr. Amit Jain	ES H	Materials Today: Proceedings [Elsevier-UK]	2020	2214-7853	https://doi.org/10.1016/j.matpr.2020.11.162	https://doi.org/10.1016/j.matpr.2020.11.162	SCOPUS	YES

53	Nanocrystalline Manganese Ferrite as a redox Catalysts for Epoxidation of Styrene to Styrene Oxide.	Dr. Samidha Saxena & Dr. Parimeeta Chanchani	ESH	Journal of Interdisciplinary Cycle Research	2020	ISSN NO. 0022-1945	http://www.jicrjournal.com	https://m.box.com/shared_item/https%3A%2F%2Fapp.box.com%2Fs%2Fqw72829ckj2it9eot27krpalvm7dpg09	UGC Care -2 S. NO. 21259	YES
54	Exergy approach in decision - based design of absorption refrigeration system using artificial intelligence and simulink.	Dr. D.V. Singh	Mechanical	Springer	2021	1388-6150	https://link.springer.com	https://link.springer.com/article/10.1007/s10973-021-10599-4		Yes
55	Interlinking of Indian Rivers 'AN OVERVIEW"	Poonam Bagora	Civil	Interlinking of Indian Rivers 'AN OVERVIEW"	2021	2249-7978	http://www.tjprc.org	http://www.tjprc.org/publishpapers/2-11-1624523167-IJCSEIERDDEC20212.pdf	others	Yes
56	"EXPLO RATORY STUDY OF CONCRE TE MIXED WITH SUPER ABSORB ENT POLYMER"	Mr. Ishanya Joshi, Mr. Ankit Dane, Mr. Anshul Pandey	Civil	International Research Journal Of Modernization In Engineering Technology And Science	2021	2582-5208	https://irjmet.s.com	https://irjmets.com/uploadedfiles/paper/volume3/issue_2_february_2021/6415/1628083270.pdf	others	Yes

57	EARTHQUAKE ANALYSIS OF RCC BUILDING ON SLOPING GROUND WITH DIFFERENT ANGLES	Ms. Shanu Sharma	Civil	INTERNATIONAL JOURNAL OF ADVANCE SCIENTIFIC RESEARCH AND ENGINEERING TRENDS	2021	ISSN (Online) 2456-0774	http://ijasret.com	http://ijasret.com/VolumeArticles/FullTextPDF/723_11._EARTHQUAKE_ANALYSIS_OF_RCC_BUILDING_ON_SLOPING_GROUND_WITH_DIFFERENTANGLES.pdf	others	Yes
58	Evaluation of Various Mechanical Properties of High Strength Concrete using Recycled Concrete Aggregate	Ms. Shanu Sharma	Civil	Journal of Ceramics and Concrete Sciences (e-ISSN: 2582-1938)	2021	(e-ISSN: 2582-1938)	http://matjournals.in	http://matjournals.in/index.php/JoCCS/article/view/6451	others	Yes
59	Literature Review of Different Machine Learning Algorithms for Credit Card Fraud Detection	Deepak Agrawal	CS & IT	IEEE	2021	ijite	https://ieeexplore.ieee.org	https://www.ijitee.org/wp-content/uploads/papers/v10i6/C84000110321.pdf		YES
60	Effect of UV irradiation on optical properties of pristine and MnCl ₂ doped PVA films	Dr. Amit Jain	ES H	Materials Today: Proceedings [Elsevier-UK]	2021	2214-7854	https://doi.org/10.1016/j.matpr.2020.12.558	https://doi.org/10.1016/j.matpr.2020.12.558	SCOPUS	YES

61	Optical Properties of CuS Nanoparticles Embedded Polyvinyl Alcohol (PVA) Films	Dr. Amit Jain	ES H	Journal of nano and electronic physics [Sumy State University-Ukraine] Vol. 13 No 1, 01023(4 pp) (2021)	2021	2077-6772 (Print); 2306-4277 (Online)	https://doi.org/10.21272/jnep.13(1).01023	https://doi.org/10.21272/jnep.13(1).01023	SCOPUS	YES
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- Industry linkage
- MoUs with Industries (Minimum 3(10))

MoU's				
Company Name	Category	Start Date	End Date	Area
Programming World	MoU	5/1/2021	Life Time	Coding
Hemans AI	MoU	11/1/2021	Life Time	Coding, AI
Enviroessential Pvt. Ltd	MoU	Sep-21	Sep-22	Chemical
NEN	MoU	1/4/2016	31/03/2019	EDC
Porwal Auto Component	MoU	5/1/2015	31/12/2017	Mechanical
Khandelwalkar Pvt. Ltd	MoU	Feb-15	Feb-17	Mechanical
Manish Shah & Association	MoU	1/9/2021	1/9/2022	Mechanical
MSME	MoU	Nov-19	Life time	ME, CE, EC
AWS Academy	MoU	Dec-18	Life Time	Certificate
KTRC	MoU	Sep-21	Life Time	ME, CE

Pi tech	MoU	5/1/2021	Life Time	Robotics
Red Hat	MoU	Sep-18	Life Time	Certifciate
Curtin	MoU			
Prinecton Review	MoU	2016	2017	Career
Association and Collaborative				
Company Name	Category	Start Date	End Date	Area
edX	Collaborative	Dec-20	Life Time	Certificate
Coursera	Collaborative	19/3/2020	Life Time	Certificate
Virtual Lab	Collaborative	Jan-15	Life Time	Lab
NPTEL	Collaborative	1/1/2016	Life Time	Certificate
NMEICT	Collaborative	Feb-18	Life Time	Workshop
Codechef	Collaborative	Oct-20	Life Time	Coding
eYantra	Collaborative	Jan-15	Life Time	Robotics
QEEE	Collaborative	Jan-14	2018	Certificate
Spoken Tutorial	Collaborative	2016	Life Time	Certificate
Skill Rack	Collaborative	2019	Life Time	Coding
Internshala	Collaborative	2016	Life Time	Internship
CSI	Association	2015	2018	Society
MTA	Collaborative			
ISTE	Association			
Association and Collaborative				
Company Name	Category	Start Date	End Date	Area

IICHE	Association			CM
IIC	Association			EDC
ISHARE	Association			ME
Qulaity Circle	Association			ME
GDSC	Association			CS
Facebook DC	Association			CS
M2K	Association			EC
Git Hub	Association			CS
Geeks for Geeks	Association			CS
NDLI	Association			ESH

- **LoA and Subsequent EoA till the current Academic Year** available at our website
- **Accounted audited statement for the last three year** available at our website
- **Best Practices adopted , If any**