

**INDORE INSTITUTE OF SCIENCE AND TECHNOLOGY, INDORE****Mandatory Disclosures****1. Name of the Institution: -****INDORE INSTITUTE OF SCIENCE AND TECHNOLOGY, INDORE**

Opp IIM, Pithampur 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 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 Proudyogiki 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	992653068 7
2.	Dr. Richa Gupta (V.Principal-2,Dean of CSE&Allied HOD-CSE)	Member	richa.gupta@indoreinstitute.com	975564707 4
3.	Dr. Shweta Agrawal (HOD-CS-Data Science)	Member	dheerendrav.singh@indoreinstitute.com	982721515 6
4.	Dr. Namrata Kaushal (HOD-ESH)	Member	namrata.kaushal@indoreinstitute.com	982607566 7
5.	Mr. Lokesh Aurangabadkar (HOD-ME)	Member	lokesh.aurangabadkar@gmail.com	97132341 64

6.	Dr. Niraj K. Soni (HOD-Civil)	Member	niraj.soni@indoreinstitute.com	997702541 3
7.	Mr. Ankit Jain (HOD-ECE)	Member	ankit.jain@indoreinstitute.com	982759692 7
8.	Dr. Margi patel (HOD-IT)	Member	Margi.Patel@indoreinstitute.com	971336291 5
9.	Dr. Sathish Penchala (HOD-IT, AIML)	Member	sathish.penchala@indoreinstitute.com	956126376 3
10.	Mr. Puneet Duggal (Associate Professor, IT)	Member	puneet.duggal@indoreinstitute.com	989318668 1
11.	Ms. Reetu Gupta (HOD-AIML)	Member	reetugupta@indoreinstitute.com	799912658 1
12.	Mr. Abhay Sahasrabuddhe (CAO-2)	Member	abhay.sahasrabuddhe@indoreinstitute.com	747113001 0
13.	Mr. Gajendra Dubey (Registrar)	Member	gd@indoreinstitute.com	916536060 4
14.	Mr. Nishant Bansal (Admin Officer)	Member	nishant.bansal@indoreinstitute.com	982647117 7
15.	Mr. Sukhdev Bamboriya	Member	sports@indoreinstitute.com	895936365 3

	(Dean-Physical Education)			
16	Mr. Rohit Dwivedi (Warden-Boys Hostel)	Member	rohit.dwivedi@indoreinstitute.com	797459669 9
17	Ms. Kirti Chaubey (Warden-Girls Hostel)	Member	kirti.chaubey@indoreinstitute.com	945481482 0
18	Mr. Rameshwar Bamniya (Thana Rau, Indore)	Member	tirauindore@gmail.com	989317109 7
19	Mr. Niranjana Verma (Media Center, Indore)	Member	mediacentre.pr@gmail.com	94250574 78
20	Mrs. Deepika Choudhary (NGO-R.E.S.W.S.)	Member	Deepadubey652@gmail.com	982680208 2
21	Mr. Adarsh Sharma (Senior. Student)	Member	adarsh.sharmaec2021@indoreinstitute.com	79749153 02
22	Mr Ganpati Chihate (Parent)	Member	ganpatichihate123@gmail.com	96694926 26
23	Mr. Tarachand (Parent)	Member	tarachand9031@gmail.com	94695913 63
24	Mr. Ayush Kale (Junior Student)	Member	Ayush577777@gmail.com	94250550 99

- 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.	Mr .Puneet S. Duggal (Vice principal –I & CAO-I)	Co-Chairman	9893186681	puneet.duggal@indoreinstitute.com
3.	Dr. Richa Gupta (Vice principal –II & HOD-AIML)	Member	9755647074	richa.gupta@indoreinstitute.com
4.	Dr. Namrata Kaushal (Dean & Course Director-I First Year)	Member	9826075667	namrata.kaushal@indoreinstitute.com
5.	Dr. Parimeeta Chanchani (Associate Prof.-ESH)	Member	9981161212	primeeta.chanchani@indoreinstitute.com
6.	Dr. Niraj Soni (HOD –CE)	Member	9977025413	niraj.soni@indoreinstitute.com

7.	Mr. Abhay Sahasrabudde (CAO-2)	Member	7471130010	Abhay.sahasrabudde@indoreinstitute.com
8.	Mr. Gajendra Dubey (Registrar)	Member	9165360604	gd@indoreinstitute.com
9.	Mr. Rajesh Tiwari (Chief Counselor)	Member	9926439911	tiwari@indoreinstitute.com
9.	Ms. Ayush Kushwah (Student)	Member	6266796654	ayush.kushwahem2020@indoreinstitute.com

- Establishment of Internal Complaint Committee(ICC)

Sr . No.	Name	Designation	Contact No.	Email ID
1.	Dr. Richa Gupta (Vise Principal-2 & HOD-AIML)	Member	9755647074	richa.gupta @indoreinstitute.com
2.	Dr. Parimeeta Chanchani (Associate Prof.-ESH)	Member	9981161212	parimeeta.chanchani@indoreinstitute.com

3.	Dr. Namrata Kaushal (Dean & Course Director-1 First Year)	Member	9826075667	namrata.kaushal@indoreinstitute.com
4.	Mr. Abhay Saharabuddhe (CAO-2)	Member	7471130010	abhay.saharabuddhe@indoreinstitute.com
5.	Mr. Gajendra Dubey (Registrar)	Member	9165360604	gd@indoreinstitute.com
6.	Mr. Aakshay Chilhate (Student)	Member	9826756948	akshay.chilhatecs2021@institute.com
7.	Ms. Yukta Kukreja (Student)	Member	8817902600	Yuktakukreja2021@indoreinstitute.com
8.	Ms. Ruchita Jawle (Student)	Member	6263532634	ruchita.jawlece2020@indoreinstitute.com
9.	Ms. Deepika Choudhary (NGO-AMPS)	Member	9826802082	deepadubey652@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. Sathish Penchala	Member	9561263763	sathish.penchala@indoreinstitute.com
4.	Mr. Manish Nimoriya	Member	9522444456	Manish.nimoriya@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. Richa Gupta (Coordinator)
4. Mr Ankit Jain
5. Dr Niraj Soni

6. Dr. Sathish K. Penchala
7. Dr. Margi V Chhabra
8. Dr Shweta Agrawal
9. Ms Reetu Gupta
10. Mr Lokesh Aurangabadkar
11. Dr Parimeeta Chanchani
12. Dr Namrata Kaushal
13. Mr. Pankaj Malviya
14. Dr. Puneet Duggal (Admin Office)
15. Mr Shantanu Roy
16. Mr Rajesh Bhandari
17. Mr Sourabh Shriwas
18. Mr Nishant Bansal
19. Dr. Rupesh Shukla (external expert member)
20. Mr Sachin Dhanotiya (Director and Cofounder of AiTrillion) (Industry representative)
21. Ms Dimple Sukhaija (Alumni representative)
22. Mr Vansh Dubey (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

- a) Development and application of quality benchmarks for various academics and administrative activities of the institution
- b) 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;
- c) Collection and analysis of feedback from all stakeholders on quality-related institutional processes;
- d) Dissemination of information on various quality parameters to all stakeholders;
- e) Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles;
- f) Documentation of the various programmes/activities leading to quality improvement;
- g) Acting as a nodal agency of the Institution for coordinating quality-related activities, including adoption and dissemination of best practices;
- h) Development and maintenance of institutional database through MIS for the purpose of maintaining /enhancing the institutional quality;
- i) Periodical conduct of Academic and Administrative Audit and its follow-up
- j) Preparation and submission of the Annual Quality Assurance Report (AQAR) as per guidelines and parameters of NAAC.

Program	Course	Intake	Fee (Approved by AFRC)	Cut off marks (maximum-minimum)			Duration
				2020	2021	2023	
B.Tech	Computer Science & Engg.	180	60000	92.37-19.7	90.5-4.7	92.10-2.99	4 Yr
	Electronics & Comm. Engg.	60	60000	83.3-1.49	88.4-3.025	89.2-0.02	4 Yr
	Information Technology	60	60000	83.77-0.11	88.79-7.33	79.13-7.49	4 Yr
	Mechanical Engg.	60	60000	71.31-2.66	61.65-1.79	81.8-0.66	4 Yr
	Civil Engg.	30	60000	60.70-3.91	47.26-3.25	68.38-0.44	4 Yr
	Chemical Engg.	30	60000	74.89-2.17	56.8-40.54	-	4 Yr
	Artificial Intelligence and Machine Learning	60	60000	88.58-.22	86.19-7.97	81.71-12.63	4 Yr
	Computer Science and Engineering (Internet of Things and cyber security including blockchain Technologies)	60	60000	-	86.48-0.69	81.01-1.26	4 Yr
	Computer Science and Engineering (Data Science)	60	60000	-	-	82.4-0.91	4 Yr
	Machine Design	18	60000	-	-	-	2 Yr

M.E.	Digital Communication	09	60000	-	-	-	2 Yr
	Computer Science & Engg	18	60000	-	-	-	2 Yr

6. Programmes

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	Not applied
	A. Applied but visit not happened	
	B. Visit happened but result awaited	

NAAC ACCREDITATION STATUS		
1	Accredited	Accreditation grade may be shown
2	Applied for Accreditation	

A. Applied but visit not happened	Accredited by NAAC with A+ grade
B. Visit happened but result awaited	

Placement Facility:-

<u>Programme</u>	<u>Minimum Salary</u>			<u>Maximum Salary</u>			<u>Average Salary</u>		
	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>
	<u>-21</u>	<u>-22</u>	<u>-23</u>	<u>-21</u>	<u>-22</u>	<u>-23</u>	<u>-21</u>	<u>-22</u>	<u>-23</u>
<u>B. Tech .</u>	<u>2.00</u> <u>Lac</u>	<u>2.2</u> <u>lac</u>	<u>1.80</u> <u>Lac</u>	<u>3.00</u> <u>Lac</u>	<u>28</u> <u>lac</u>	<u>24.74</u> <u>lac</u>	<u>5.00</u> <u>Lac</u>	<u>4.3</u> <u>lac</u>	<u>4.90</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** :- **130**
- Adjunct Faculty** :- **00**
- Permanent Faculty : Student Ratio** :- **1:20**
- Number of Faculty employed and left** :- **47**

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.	20	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 Wai (4 year)
1	CSE	0818CS231003	AARUSHI VERMA	ARVIND VERMA	ADMITTED	TF
2	CSE	0818CS231019	AKASH CHOUDHARY	MEHARBAN SINGH CHOUDHARY	ADMITTED	TF

3	CSE	0818CS231066	FALGUNI KALBHUT	GANESH	ADMITTED	TF
4	CSE	0818CS231094	KARTAVYA SHARMA	KHEMENDRA SHARMA	ADMITTED	TF
5	CSE	0818CS231117	MOHIT MISHRA	GANESH PRASAD MISHRA	ADMITTED	TF
6	CSE	0818CS231136	PRADUMN PATIDAR	JAGDISH PATIDAR	ADMITTED	TF
7	CSE	0818CS231174	SHASHANK CHOURASIA	SHYAM KUMAR CHOURASIA	ADMITTED	TF
8	CSE	0818CS231191	SMIT CHAURASIYA	JAY NARAYAN CHAURASIYA	ADMITTED	TF
9	CSE	0818CS231227	YASH MALVIYA	SANTOSH MALVIYA	ADMITTED	TF
10	EC	0818EC231032	MANSI DUBEY	JITENDRA DUBEY	ADMITTED	TF
11	EC	0818EC231042	PRAGYANSH NARWARIYA	MUNNA NARAWARIYA	ADMITTED	TF
12	EC	0818EC231060	SHIVESH MISHRA	RAMASHANKAR MISHRA	ADMITTED	TF
13	IT	0818IT231018	AYUSHI SHARMA	DINBANDHU SHARMA	ADMITTED	TF
14	IT	0818IT231019	BHAVESH GEHLOT	LEKHRAJ GEHLOT	ADMITTED	TF

15	IT	0818IT231074	VIJAY PATEL	ASHOK PATEL	ADMITTED	TF
16	AIML	0818CL231004	ADITYA CHOUKSEY	ASHOK CHOUKSEY	ADMITTED	TF
17	AIML	0818CL231044	MUHAMMAD RAHEEL	MAZHAR AKHTAR	ADMITTED	TF
18	AIML	0818CL231055	RIYA MISHRA	ANIL KUMAR MISHRA	ADMITTED	TF
19	CSEIOT	0818IS231023	MOHAMMAD UWAISH	MOHAMMAD NAUSHAD	ADMITTED	TF
20	CSEIOT	0818IS231029	RATNESH KUMAR DWIVEDI	HANUMANT DWIVEDI	ADMITTED	TF

- 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					
Girls / Boys	Fees per student	Room Occupancy	Caution Money Refundable	Annual Bus Fees Optional	In Summer Extra Electricity charges for Coolers
Girl	110000/-	3 Beds	5000/-	10000/-	1500/- per month/per room

Boy	110000/-	3 Beds	5000/-	10000/-	1500/- per month/per room
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- 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& CSE (IS)& CSE(DS)):

- **540 Seats 2023-24**

M.E. (MD, DC & CSE) :- **45 Seats 2023-24**

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

Program	Years	SC	ST	OBC	Gen
B.Tech	2021-22	51	14	232	217
	2022-23	40	8	256	221
	2023-24	35	7	291	284
M.E.	2021-22	0	0	0	03
	2022-23	0	0	0	1
	2023-24	0	0	0	1

- 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)		
		2021	2022	2023
B.Tech.	Computer Science & Engg.	92.37-19.7	90.5-4.70	92.10-2.99
	Electronics & Comm. Engg.	83.3-1.49	88.4-3.025	89.2-0.02
	Information Technology	83.77-0.11	88.79-7.33	79.13-7.49
	Mechanical Engg.	71.31-2.66	61.65-1.79	81.8-0.66
	Civil Engg.	60.70-3.91	47.26-3.25	68.38-0.44
	Chemical Engg.	74.89-2.17	56.08-40.54	-
	Artificial Intelligence and Machine Learning	88.58-.22	86.19-7.97	81.71-12.63
	Computer Science and Engineering (Internet of Things and cyber security including blockchain Technologies)	-	86.48-0.69	81.01-1.26
	Computer Science and Engineering (Data Science)	-	-	82.4-0.91

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 :-**28 Rooms each 76 sqm (avg)**
- Number of Tutorial rooms and Size of each:-**07 Room each 38 sqm (avg)**
- Number of Laboratories rooms and Size of each:- **45 Laboratories each 76 sqm (Avg)**
- Number of Drawing halls with capacity of each:- **02 Rooms each 132 sqm**
- Number of computer centers with capacity of each:- **04 no with Total capacity 485**
- Central examination facility number of rooms and capacity of each **available**
- Online examination facility (Number of Nodes, internet band width,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 :- **75323** Title :- **6153**
- List of online National /International Journal subscribed
National Journal: **90** International Journals: **18**
- 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)
	pully block
	Bending beam apparatus
	simply supported beam
	Friction slide app.
	inclined plane app.

	Single winch crabe
	Double winch crabe
	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 stap 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 Helicar 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
	Sterngth of Meterial / Mechanical
Hardness Testing M/c	
Impact Testing M/c	
Polising 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 Surve Accessories
	15 meter Fiber Glan Tape
	Metallic Arrow
	Cross Staff
	Prismatic compass With Tripod
	Planimeter
Surveier Compass With Tripod	
Optical Line Ranger	
Dynamics of M/c / Mechanical	Cam analysis Appratus
	Universal governer App.
	Motorised Gyroscop 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
<p>LAB: - FLUID MECHANICS Deppt. - Mech. Engg.</p>	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
<p>LAB: - Turbo. Machines Deppt. - Mech. Engg.</p>	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
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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 Laboratories & 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
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)
	Cleveland 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 Separator
	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 Transfer 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 column
Chemical Reaction Engineering	Continuously 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 (Intel i3,12GB RAM,240GB SSD, 500GB HDD , 22”LCD , Keyboard , Mouse window-10) - 30 Nos
	L2-Managed 48 Port Switch (D-Link)- 01 Nos
	Laser Printer (HP) -01 Nos

BCP-II -Computer Science Department	Computer (Intel i3,12GB RAM,240GB SSD, 500GB HDD , 22”LCD , Keyboard , Mouse window-11) - 30 Nos
	L2-Managed 48 Port Switch (D-Link)- 01 Nos
	Laser Printer (HP) -01 Nos
IOT LAB	HP-Intel i7, 4GB GPU ,16GB RAM ,512GSSD& IOT Equipment
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 (Dell Intel i5, 12 th Gen ,16GB RAM , 512 Gb SSD, 22” LED Monitor , Keyboard , Mouse , with windows -11) - 30 Nos
	L2-Managed 48 Port Switch (D-Link)- 01 Nos
	Laser Printer (Canon) -01 Nos
AIML LAB-01	HP Intel 1712 th Gen with 4GB GPU , 16GB RAM - 512GB SSD , 22” led Monitor Keyboard , Mouse with windows 11
AIML LAB -02	HP Intel 1712 th Gen with 4GB GPU , 16GB RAM - 512GB SSD , 22” led Monitor Keyboard , Mouse with windows 11
Project Lab I & II - Computer Science Department	Computer (HP Intel 1712 th Gen with 4GB GPU , 16GB RAM -512GB SSD , 22” led Monitor Keyboard , Mouse with windows 11) - 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 (HP Intel IS 12 th Gen , 16 GB Ram – 512 gb SSD,22” LED Monitor , Key Board Mouse with Windows 11) - 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 (HP Intel 1712 th Gen with 4GB GPU , 16GB RAM -512GB SSD , 22" led Monitor Keyboard , Mouse with windows 11) - 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 (HP Intel IS12 th Gen with 4GB GPU , 16GB RAM -512GB SSD , 22" led Monitor Keyboard , Mouse with windows 11) - 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 : - 600 MBPS

- Number and configuration of system

S. No.	Configuration	Qty
1	HP 600 G9 Intel i7 13 th Gen 13700 3.0 GHz to 4.5 GHz, 8 GB GPU, 16 GB RAM DDR5 , 512 GB SSD,22” IPS Panel, With Wi-Fi and Bluetooth Windows 11	10
2	HP 600 G9 Intel i7 13 th Gen 13700 3.0 GHz to 4.5 GHz, 16 GB RAM DDR5 , 512 GB SSD,22” IPS Panel, With Wi-Fi and Bluetooth Windows 11	240
3	HP i7 12 th Generation 3.0 to 4.5 GHz, 16 GB 4GB GPU ,RAM,512 GB NVME M.2 SSD 22” HP IPS LED Monitor, Keyboard, Mouse	134
4	HP i7 12 th Generation 3.0 to 4.5 GHz, 16 GB RAM,512 GB NVME M.2 SSD 22” HP IPS LED Monitor, Keyboard, Mouse	50
5	HP i5 12 th Generation 3.0 to 4.5 GHz, 16 GB RAM,512 GB NVME M.2 SSD 22” HP IPS LED Monitor, Keyboard, Mouse	110
6	DELL Systems - Intel I5 12500 3.0 GHz to 4.5 GHz, 16 GB RAM DDR5 , 512 GB SSD , 22” LED Monitor with Windows 11 OEM	200
7	Apple 21.5” I Mac 3.0 4k Display system	4
	Total	748

- Total number of systems connected by LAN ALL
- Major Software packages available **25**
- Special purpose facilities available (Conduct of online meeting/webinars /workshop, etc) **available**
- Innovation cell **available**
- Social media cell **available**

Sr. No.	Name	Designation	Contact No.	Email ID
1.	Mr. Ranjan Potdar (PRO)	Head of the Committee	9479507697	ranjan.potdar@indoreinstitute.com

2.	Mr. Abhay Sahasrabuddhe (CAO-2)	Member	7471130010	abhay.sahasrabuddhe@indoreinstitute.com
3.	Mr. Rajesh Bhandari (GM Finance)	Member	9009502734	rb@indoreinstitute.com
4.	Ms. Vimmy Katyal (T&P)	Member	7649898220	vimmy.katyal@indoreinstitute.com
5.	Dr. Parimeeta Chanchani (ESH)	Member	9981161212	parimeeta.chanchani@indoreinstitute.com
6.	Dr. Preeti Dixit (ESH)	Member	700471513	preeti.dixit@indoreinstitute.com
7.	Mr. Pranav Paranjpe (ECE)	Member	9424079216	pranav.paranjpe@indoreinstitute.com

- 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 timetable 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**

S. No	Branch	2021-22			2022-23			2023-24			Admitted
		Intake	Admitted	Enrollment	Intake	Admitted	Enrollment	Intake	Admitted	Enrollment	
1	Mechanical Engg.	66	46	44	78	11	10	39	23	22	

2	Elect. & Comm. Engg.	69	66	65	78	40	37	78	72	71
3	Computer Sc. & Engg.	207	206	205	233	233	231	233	234	233
4	Information Technology	69	68	68	78	76	76	78	78	77
5	Chemical Engg.	66	27	23	33	6	4	0	0	0
6	Civil Engg.	69	35	32	33	9	8	33	19	18
7	Artificial Intelligence and Machine Learning	66	66	65	78	78	78	78	78	78
8	Computer Science and Engineering (Internet of Things and cyber Security including blockchain Technologies)	-	-	-	75	72	72	39	39	39
9	Computer Science and Engineering (Data Science)	-	-	-	-	-	-	75	74	74

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)	Low Package Lak
1	ELECTRONICS & COMMUNICATION ENGG	38	7	1	2	3	3
2	INFORMATION TECHNOLOGY	43	4	1	0	1	4

3	COMPUTER SCIENCE AND ENGINEERING	43	76	21	2	23	2
4	MECHANICAL ENGINEERING	29	13	0	3	3	2
5	DIGITAL COMMUNICATIONS	0	0	0	0	0	0
6	MACHINE DESIGN	0	0	0	0	0	0
7	COMPUTER SCIENCE AND ENGINEERING	0	0	0	0	0	0
8	CIVIL ENGINEERING	23	6	0	0	0	0
9	CHEMICAL ENGINEERING	22	8	0	0	0	0

Year 2021-22 Placement Details

Name of the Course	Companies Visited	Eligible Students	Placed in IT	Placed in Non IT	Total (IT+ Non IT)	Lowest Package(In Lakhs)	Pac
ELECTRONICS & COMMUNICATION ENGG	46	30	7	6	13	3	
INFORMATION TECHNOLOGY	56	60	22	5	27	3	
COMPUTER SCIENCE AND ENGINEERING	56	208	92	13	105	3	
MECHANICAL ENGINEERING	32	82	0	22	22	2	
DIGITAL COMMUNICATIONS	0	0	0	0	0	0	
MACHINE DESIGN	0	0	0	0	0	0	
COMPUTER SCIENCE AND ENGINEERING	0	0	0	0	0	0	

CIVIL ENGINEERING	27	46	0	2	2	3	
CHEMICAL ENGINEERING	27	50	18	8	26	3	

Year 2022-23 Placement Details

Name of the Course	Companies Visited	Eligible Students	Placed in IT	Placed in Non IT	Total (IT+ Non IT)	Lowest Package(In Lakhs)	Pac
ELECTRONICS & COMMUNICATION ENGG	23	23	7	7	14	2.35	
INFORMATION TECHNOLOGY	79	59	25	7	32	3	
COMPUTER SCIENCE AND ENGINEERING	79	206	93	23	116	2.5	2
MECHANICAL ENGINEERING	37	78	2	30	32	2	
DIGITAL COMMUNICATIONS	-	1	-	-	-	-	
MACHINE DESIGN	-	0	-	-	-	-	
COMPUTER SCIENCE AND ENGINEERING	-	1	-	-	-	-	
CIVIL ENGINEERING	15	32	1	2	3	3	
CHEMICAL ENGINEERING	23	49	12	20	32	1.8	

16. List of Research Projects /Consultancy works

Research projects funded by government and non government agencies during the last five years

					l i c a t i o n	be r			mentio n	
1	Synt hesis of Silver Nano parti cle for Impr oved Elect ricity Gene ratio n and Wast e Wate r Treat ment by Micr obial Fuel Cell	Dr. Samath a Singh	CHE MIC AL	Interna tional Journal for Resear ch in Applie d Scienc e & Engine ering Techno logy (IJRAS ET)	2 0 1 8	23 21 - 96 53	https://www.ijraset.com/	https://www.ijraset.com/fileserve.php?FID=16039	others	Yes

2	Bioplastic from Food waste	Mr. Rahul Gupta, Mr. Pankaj Malviya	CHE MIC 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	CHE MIC AL	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2018	ISSN: 2321-9653	https://www.ijraset.com/	https://www.ijraset.com/fileserve.php?FID=16241	others	Yes

4	Optimization and Fabrication of Sustainable Multi-Seed Drill Machine	Mr Naman Gandhi, Avinash Thakur, Akash Thakur, Shubham Rathod and Tinku Patel	MECH ANICAL	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	MECH ANICAL	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	Mr. Mohd. Kashif Salman	MECH ANICAL	Int. Journal of Engineering Research and Application	2018	2248 - 2296	www.ijera.com	10.9790/9622-0801015869		YES

	Leaf Spring For Composite Materials Using Anys								
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	Sachin Badadhe	Mechanical	International Journal of Engineering Science Invention	2018	2319-6734	www.ijesi.com	I0711025067.pdf (ijesi.org)	YES

	gripper mechanism			on (IJESI)					
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.ijstrd.com	IJSD - 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	MECH ANICAL	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-d7rvOzyAhVgU30KHUOZBikQFnoECAIQAQ&url=http%3A%2F%2Fwww.ijrts.com%2FDownloads1.php%3Ffile%3D180	YES
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								509001&u sg=A OvVaw0pst 1hYE BIJlw XB5 U0uc K6	
11	“A REVIEW ON 5G COMMUNICATION SYSTEMS USING DIFFERENT TECHNIQUES”	Mr. Ankit Jain, Mr. Devendra Singh Mandloi	Electronics & Communication Engineering	IJSRD	2018-07-27-9655	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	PERFOR- MANCE ANALY- SIS OF UFMC C BAS- ED WIRE- LESS COM- MUNI- CATION FOR 5G TECH- NOLO- GIES WIT- H CON- VOL- UTI- ON COD- ING TECH- NIQUE	Mr. Deven dra Singh Mandl oi	Elect- ronic & Com- muni- cations Engi- neering	ACCE- NT JOUR- NAL OF ECON- OMIC S ECOL- OGY & ENGI- NEERI- NG	2018 24 56 - 10 37	SS N O. 101 56 - 10 37	http://ajeee.co.in/index.php/ajeee/article/view/1101	http://ajeee.co.in/index.php/ajeee/article/view/1101		YES
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13	WORLDWIDE ATTACK IN MANET : A STUDY	Margi Patel	CS &IT	IJRTS M	2018	ISN: 2455-9679, Volume 3 Issue 2	http://ijrtsm.com	http://ijrtsm.com/wp-content/uploads/2018/02/Margi-01-05.pdf	YES
14	Mind Education : A Review	Margi Patel	CS &IT	IJRTS M	2018	ISN: 2455-9679, Volume 3 Issue 9	http://ijrtsm.com	http://ijrtsm.com/wp-content/uploads/2018/09/Margi-33-35.pdf	YES

15	Smart Parking Based on IoT	Margi Patel	CS &IT	IJRTS M	2018	ISSN: 2455-9679, 3(11)	http://ijrtsm.com	http://ijrtsm.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	IJESRT	2018	ISSN: 2277-9655	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	ESH	Defence Science Journal, [DRD O-INDIA] Vol. 68, No. 2, March 2018, pp. 225-231,	2018	0011-8748 X (print), 0976-4644 X (online)	https://doi.org/10.14429/dsj.68.12331	https://doi.org/10.14429/dsj.68.12331	WEB OF SCIENCE	YES
18	Effect of oversizing of a centrifugal pump	Dr. Samatha Singh, Ms. Farhin Khan	CHEMICAL	International Research Journal of Engineering and Technology (IRJET)	2019	ISSN: 2319-0056	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	CHEMICAL	International Journal of Innovative Research in Science, Engineering and Technology	2019	23056072	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	CHEMICAL	Journal of Emerging Technologies and Innovative Research	2019	ISN: 2349-5162	https://www.jetir.org/	http://www.jetir.org/papers/JETIR1904O38.pdf	others	Yes
21	A compressive study on solid and Hazardous wast	Mr. Rahul Bhargava	CHEMICAL	International Journal of Innovations in Engineering Research and Technology	2019	23093696	https://www.ijiert.org/	https://repo.ijiert.org/index.php/ijiert/article/view/1796	others	Yes

	e Man agem ent									
22	Stury of zinc elect ropla ting on steel	Mr. Vivek Upadh yay	ME CH ANI CAL	Interna tional Journal of Scienti fic & Engine ering Resear ch,	2 0 1 9	22 29 - 55 18	www.ijser.o rg	Study of Zinc Electr oplating on Steel (ijser. org)		YE S
23	Para metri c Stud y of Intz wate r tank with varyi ng heigh t to Dia mete r ratio using Staa d Pro	Dr. Niraj Soni, Mr. Shailen dra Singh	Civil	Interna tional Journal of Civil and Structu ral Engine ering Resear ch	2 0 1 9	23 48 - 76 07	https://www .researchgat e.net	https://ww w.res earch gate.n et/pu blicat ion/3 4841 5852 _Para metri c_Stu dy_of _Intz _wate r_tan k_wit h_var ying_ heigh	others	Yes

								t_to_Diameter_ratio_using_Staad_Pro		
24	Proposal of Smart Mirror using Raspberry PI	MEGH A BIRTH ARE,K ALYA NI 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	230956/2395-0072	https://www.irjet.net	https://www.irjet.net/archives/V6/i5/IRJET-V6I5875.pdf		YES

26	Micr ostru ctura l and Opti cal Prop erties of Poly vinyl Alco hol/ Man gane se Chlo ride Com posit e Film	Dr. Amit Jain	ESH	POLY MER COMP OSITE S [JOHN WILE Y- USA] 40:E76 5- E775, 2019.	2 0 1 9	02 72 83 97 (p rin t), 15 48 05 69 (o nli ne)	https://doi.o rg/10.1002/ pc.25017	https: //doi. org/1 0.100 2/pc.2 5017	SCOP US	YE S
27	Desi gn of Sewa ge Treat ment Plant for Smal l Tow n	Dr. Samath a Singh, Mr. Rahul Gupta	CHE MIC AL	Interna tional Journal for Resear ch in Applie d Scienc e & Engine ering Techno logy (IJRAS ET)	2 0 2 0	IS S N: 23 - 96 53	https://www .ijraset.com/ 	https: //ww w.ijra set.co m/file serve. php? FID= 2890 0	others	Yes

28	Wastewater Treatment by Electrocoagulation Process: A Review	Mr. Pankaj Malviya	CHEMICAL	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2020	23021-230219653	https://www.ijraset.com/	https://www.ijraset.com/fileserve.php?FID=31474	others	Yes
29	Silver Recovery from X-Ray Film Waste: A Review	Mr. Prashant Kumbhkar	CHEMICAL	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2020	ISIN 23021-230219653	https://www.ijraset.com/	https://www.ijraset.com/fileserve.php?FID=31748	others	Yes

30	The effect of ethanol-methanol-diesel-microalgae blends on performance, combustion and emissions of a direct injection diesel engine	Dr. D.V. Singh	MECHANIICAL	Sustainable Energy Technologies and Assessments	2020	2213-1388	https://www.sciencedirect.com/	https://doi.org/10.1016/j.seta.2020.100851		Yes
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31	Optimization and Performance investigation of cascaded vapor compression absorption cycle (VCAC) using design of experiment “Taguchi Method”	Dr. D.V. Singh	MECHANIICAL	Solid State Technology	2020	0038 - 111X	https://solidstatetechnology.us	https://solidstatetechnology.us/index.php/JST/article/view/7543		Yes
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32	Physical and Mechanical Behaviour of Epoxy/Hexagonal Boron Nitride/Short Sisal Fiber Hybrid Composites	Dr Vivek Mishra	MECH ANICAL	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	MECH ANICAL	IOP Conference Series: Materials Science and Engineering	2020	175781 , 175789 X	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 - 29679	http://ijrtsm.com/	http://ijrtsm.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	Mr. Gaurav Dubey, Mr Shantanu Roy	MECHANICAL	INTERNATIONAL JOURNAL OF RECENT TECHNOLOGY SCIENCE & MANAGEMENT	2020	2455 - 29679	http://ijrtsm.com/	http://ijrtsm.com/wp-content/uploads/2020/12/Nov-Gaurav-108-114.pdf		YES

	centrifugal compressor								
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	24-05-2020	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	Mr. Sujoy Banerjee	Mechanical	INTERNATIONAL JOURNAL OF RECENT TECHNOLOGY SCIENCE & MANA	2020	24-05-2020	http://ijrtsm.com/	IJRTSM	YES

	ansys			GEMENT					
38	BER and Gain Analysis of Wi-Max physical layer in QPSK Modulation technique in balanced Antenna Diversity	Mr. Atul Singh Kushwah	Electronics & Communication Engineering	AR Digitech IJEET	2020	ISSN: 2320-883X	http://v8i4.arDigitech.in/	http://v8i4.arDigitech.in/BER%20And%20Gain%20Analysis%20Of%20Wi%20max%20Physical%20Layer%20In%20QPSK%20Modulation%20Technique%20In%20Balanced	YES

								nced %20 Anten na%2 0Dive rsity. pdf		
39	Fault Toler ance in Vehi cular ad- hoc netw ork with dom estic refit	Rakesh jain, Margi Patel, Deepak Vishwa karma	CS &IT	JICR JOUR NAL	2 0 2 0	IS S N N O: 00 22 - 19 45	http://www.jicrjournal.com/	https://www.researchgate.net/publication/341622537_Fault_Tolerance_in_Vehicular_ad-hoc_network_with_domestic_refit		YE S

40	AUTOMATI C 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_Automati c_Street_L ight_Contr ol_Sy stem		YES
41	HUMANOID ROBOT (HERO)	Rakesh jain	CS &IT	IRJMETS	2020 Volume: 02 / Issue: 05 / May - 2020	https://irjme ts.com	https://irjme ts.com/pas t- issue. php?i _id=2 2&v_ id=64		YES

42	Assessment of IoT Gadgets 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	Review Paper on IOT and it's 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 Start up Scenario with Trend	Pradeep Baniya	CS &IT	IJREAM	2020	ISSN : 2454-9150 Vol-05	http://ijream.org	http://ijream.org/papers/IJREAMV05I1159072.pdf		YES

	and Opportunities					Issue - 11, Feb 2020				
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)	Poorva Shukla	CS &IT	IEEE	2020	IEEE Explore	https://ieeexplore.ieee.org	https://ieeexplore.ieee.org/document/9170709		YES

	and edge computing (EC C) paradigm : Time Line Approach								
47	UNSAFE TRAJECT 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/IJREAMEAMV06I0161063.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/IJREAMEAMV06I0161062.pdf		YES
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49	PRIMEVAL DIAGNOSIS OF NOVEL CORONAVIRUS	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	ESH	Journal of Interdisciplinary Cycle Research , Volume XII, Issue 1,	2020	(ISSN : 0022-1945)	http://www.jicrjournal.com/CURRENT-ISSUE/	https://app.box.com/s/tdpsildcreepppv0im2wd4sohoiaeve0	UGC care-II	YES

51	Fuzzy Preopen Sets and Fuzzy Precontinuity	Dr. Jyoti Gupta	ESH	Jananabha	2020	ISN 2455-7463 (Online)	http://www.vijnanaparisahadofindia.org/jnanabha	1. http://www.vijnanaparisahadofindia.org/jnanabha/volume-50-no-2-2020/p5	UGC Approved	YES
52	Optical studies of Rhodamine B doped poly methyl methacrylate (PMMA) films	Dr. Amit Jain	ESH	Materials Today: Proceedings [Elsevier-UK]	2020	2214-2078	https://doi.org/10.1016/j.matpr.2020.11.162	https://doi.org/10.1016/j.matpr.2020.11.162	SCOPUS	YES

53	Nano crystalline Manganese Ferrite as a redox Catalysts for Epoxidation of Styrene to Styrene Oxide.	Dr. Samidha Saxena & Dr. Parimeta Chanchani	ESH	Journal of Interdisciplinary Cycle Research	2020	130022-1945	http://www.jicrjournal.com	https://mbox.com/shared_items/https%3A%2F%2Fapp.box.com%2F%2F72829ckj2it9eot27krpalvm7dpg09	UGC Care -2 S. NO. 21259	YES
54	Exergy approach in decision-based design of absorption refrigeration system	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

	m using artificial intelligence and simulation.									
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-IJCS EIER DDE C20212.pdf	others	Yes
56	"EXPLORATORY STUDY OF CONCRETE MIXED WITH	Mr. Ishanya Joshi, Mr. Ankit Dane, Mr. Anshul Pandey	Civil	International Research Journal Of Modernization In Engineering Technology And	2021	2582 - 5208	https://irjournals.com	https://irjournals.com/uploadedfiles/paper/volume3/issue_2_february_2021/641	others	Yes

	SUPER ABSORBENT POLYMER”			Science				5/1628083270.pdf		
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_DIFFERENT_ANGLES	others	Yes

								ANG LES. pdf		
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/Journal/CCS/article/view/6451	others	Yes

59	Literature Review of Different Machine Learning Algorithms for Credit Card Fraud Detection	Deepak Agrawal	CS &IT	IEEE	2021	ijitee	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 MnC ₁₂ doped	Dr. Amit Jain	ESH	Materials Today: Proceedings [Elsevier-UK]	2021	2214 - 2178	https://doi.org/10.1016/j.matpr.2020.12.558	https://doi.org/10.1016/j.matpr.2020.12.558	SCOPUS	YES

	PVA films									
61	Optical Properties of CuS Nano particles Embedded Poly vinyl Alcohol (PVA) Films	Dr. Amit Jain	ESH	Journal of nano and electro nic physics [Sumy State Univer sity-Ukrain] Vol. 13 No 1, 01023(4pp) (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
S.No	Title of paper	Name of the author/s	Dep artm ent of the teach er	Name of journa l	Y e a r o f p u b l i	IS S N o f be r	Link to the recognition in UGC enlistment of the Journal			

					c a t i o n		
1	An efficient design and demonstration of fault-effects in full-adder circuits based on quantum-dot computing circuits	Mukesh Patidar	Electronics and Communication	Elsevier ScienceDirect	2023	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785323014207
2	An efficient design	Mukesh Patidar	Electronics and Communication	Elsevier ScienceDirect	2023	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785323014207

	and implementation of a reversible logic CCNOT (Toffoli) gate in QCA for nanotechnology		cation				4785323014 190	
3	HDFCN: A Robust Hybrid Deep Network Based on Feature Concatenation for Cerv	Nitin Kumar Chauhan	Electronics and Communication	Hindawi Biomedical Research International	2023	014 - 06141	https://www.hindawi.com/journals/bmri/2023/4214817/	

	ical Canc er Diag nosis on WSI Pap Sme ar Slide s						
4	HDF CN: A Rob ust Hybr id Deep Net work Base d on Feat ure Conc atena tion for Cerv ical Canc er Diag nosis on WSI Pap Sme	Amit Kumar	Elect ronic s and Com muni catio n	Hinda wi BioMe d Resear ch Intern ational	2 0 2 3	23 14 - 61 41	https://www .hindawi.co m/journals/ bmri/2023/4 214817/

	ar Slide s						
5	Effe ctive desig n of com binat ional half- adde r and subtr actor circu its desig n base d on nano elect ronic s usin g QCA tech nolo gy	Pranav Paranjpe	Elect ronic s and Com muni catio n	Journal of Data Acquis ition and Process ing	2 0 2 3	10 04 - 90 37	https://sjcjournal.cn/article/view-2023/2582.php
6	An ultra - area- effici ent ALU desig n in	Mukes h Patidar	Elect ronic s and Com muni catio n	Spring er Nature, Journal of Superc omputi ng	2 2 - D e c	15 73 - 04 84	https://doi.org/10.1007/s11227-022-05012-2

	QCA tech nolo gy usin g sync hroni zed cloc k zone sche me						
7	Efficient designs of high-speed combinational circuits and optimal solutions using 45-degree cell orientation in QCA	Mukesh Patidar	Electronics and Communication	Elsevier ScienceDirect, Material Today Proceedings Journal	2022	2022	https://doi.org/10.1016/j.matpr.2022.06.174

	nano technology						
8	Efficient designs of high-speed combinational circuits and optimal solutions using 45-degree cell orientation in QCA nano technology	Ankit Jain	Electronics and Communication	Elsevier ScienceDirect, Material Today Proceedings Journal	2022-2023	2214-7853	https://doi.org/10.1016/j.matpr.2022.06.174
9	Efficient designs of high-speed	Arpita Tiwari	Electronics and Communication	Elsevier ScienceDirect, Material	2022-2023	2214-7853	https://doi.org/10.1016/j.matpr.2022.06.174

	d com binat ional circu its and opti mal solut ions usin g 45- degr ee cell orien tatio n in QCA nano tech nolo gy		catio n	al Today Procee dings Journal					
10	An ener gy effici ent high- spee d quan tum- dot base d full adde r	Mukes h Patidar	Elect ronic s and Com muni catio n	Elsevie r Scienc eDirect , Materi al Today Procee dings Journal	2 22	2 14	- -	78 53	https://doi.org/10.1016/j.matpr.2022.03.532

	design and parity gate for nano application						
11	Optimization of Smart Antenna Performance using GA and PSO	Ankit Jain	Electronics and Communication	IJRSET	2022	2302-28753	https://www.ijirset.com/upload/2022/may/263_Optimization_NC.pdf
12	Optimization of Smart Antenna Performance using	Deven Dra Singh Mandloi	Electronics and Communication	IJRSET	2022	2302-28753	https://www.ijirset.com/upload/2022/may/263_Optimization_NC.pdf

	GA and PSO						
13	Optimization of Smart Antenna Performance using GA and PSO	Shravan Kumar	Electronics and Communication	IJRSET	2022-2022	2319-28753	https://www.ijirset.com/upload/2022/may/263_Optimization_NC.pdf
14	Engine oil quality deterioration estimation using an integrated sensory system	Dr. Dheerendra Vikram Singh	Mechanical Engineering Department	Proceeding Institution of Mechanical Engineers Part E: Journal of Process Mechanical Engineering	2022-2022	2158-2440	Engine oil quality deterioration estimation using an integrated sensory system - Harish M Shinde, Anand K Bewoor, Ravinder Kumar, Ammar H Elsheikh, Dheerendra Vikram Singh, S Shanmugan, Hitesh

							Panchal, Ali Jawad Alrubaie, Mustafa Musa Jaber, 2022 (sagepub.com)
15	CFD Analysis of Ejector Using Different Refrigerants: R14 1b, R15 2a, R13 4a	Dr. Dheendra Vikram Singh	Mechanical Engineering Department	Journal of Emerging Technologies and Innovative Research	2 0 2 2 - - 2 0 2 3	23 49 - 51 - 62	CFD Analysis of Ejector Using Different Refrigerants : R141b, R152a, R134a (jetir.org)
16	Physical, mechanical and sliding wear behaviour of epox	Dr. Vivek Mishra	Mechanical Engineering Department	Materials Today: Proceedings	2 0 2 2 - - 2 0 2 3	22 14 - 78 - 53	Physical, mechanical and sliding wear behaviour of epoxy composites filled with micro-sized marble dust composites -

	y com posit es filled with micr o- sized marb le dust com posit es						ScienceDire ct
17	Mod eling and Anal ysis of Diffe renti al Gear Box usin g Ansy s	Mr. Shanta nu Roy	Mec hani cal Engi neeri ng Depa rtme nt	IJFMR	2 0 2 - 2 - 2 0 2 3	25 82 - 21 - 60	2195.pdf (ijfmr.com)
18	Effe ct of Vari ation in Geo metri cal Para mete	Mr.Lok esh Aurang abadka r	Mec hani cal Engi neeri ng Depa rtme nt	Journal of Emergi ng Techno logies and Innovat ive	2 0 2 - 2 - 2 0 2 3	23 49 - 51 - 62	Effect of Variation in Geometrical Parameters on Ejector Performanc e Using CFD (jetir.org)

	rs on Eject or Performance Using CFD			Research			
19	Structural And Thermal Analysis of Steam Turbine Casing Using Ansys	Mr.Lokesh Aurangabadkar	Mechanical Engineering Department	Journal of Emerging Technologies and Innovative Research	2022-2023	2349-2562	JETIR2212112.pdf
20	CFD Analysis of Ejector Using Different Refrigerants:	Mr.Lokesh Aurangabadkar	Mechanical Engineering Department	Journal of Emerging Technologies and Innovative Research	2022-2023	2349-2562	CFD Analysis of Ejector Using Different Refrigerants : R141b, R152a, R134a (jetir.org)

	R14 1b, R15 2a, R13 4a						
21	Obstacle Detection in Self- Controlled Cars	Mr. Suveer Dubey	Mechanical Engineering Department	IJRAS ET	2022-23	2021-22	https://doi.org/10.22214/ijraset.2022.43911
22	Design and Analysis of Component of Hydraulic Gripper	Mr. Suveer Dubey	Mechanical Engineering Department	IJRAS ET	2022-23	2021-22	Design and Analysis of Component of Hydraulic Gripper (ijraset.com)
23	through electrocoagulation	Mr. Pankaj Malviya	Chemical Engineering	Material Today's			
24	Proceeding, Elsevier.	2023	ISSN: 2214-7853	https://www.researchgate.net/public			

				ation/373602803_Life_Cycle_Assessment_LCA_of_the_lead_chromium_and_cadmium_removal_from_water_through_electrocoagulation			
25	Engineering Matrix Materials for Composites: Their Variety, Scope and Appl	Dr. Amit Jain	ESH Department	Fine Chemical Engineering	2023	IS S N: 2717-5677 (Print) 2717-5685 (Online)	https://doi.org/10.37256/fce.4120232128

	ications.						
26	Role of iron salts on the band gap energy and allied parameters of Polymer/Iron salt based composite materials	Dr. Amit Jain	ESH Department	Materials Today: Proceedings 67 (2022) 917–920.	2022	Online ISSN: 2214-7853	https://doi.org/10.1016/j.matpr.2022.08.059
27	Comparative Analysis of Green Building Rating	Ms.Poonam Bagora	Civil Engineering	ECS Transactions - Scopus Indexed	2022	1077091, DOI: 10.1499/10	https://iopscience.iop.org/article/10.1149/107017.091ecst

	ng Syst ems for Resi denti al Hous e: Case Stud y					70 1. 70 91 E C S T	
28	Stud y of Parti al Repl acem ent of Cem ent usin g Cow Dun g Ash and Mar ble dust Com binat ion and sand usin g glass	Ms. Shanu Sharma	Civil Engi neeri ng	IJRAS ET	2 0 2 2	23 21 - 96 53	Study of Partial Replacem ent of Cement Using Cow Dung Ash and Marble Dust Combinatio n and Sand Using Glass Powder for M25 Grade of Concrete (ijraset.com)

	pow der for M- 25 Gdar e of Conc rete						
29	The Path of rural indu stry revit aliza tion base d on impr oved gene tic algor ithm in the inter net era	Qifang Duan, Dheera j Rane	Com puter Scie nce and Engi neeri ng	Compu tational Intellig ence and neuros cience	2 0 2 2	Ar tic le ID 16 32 22 4	https://doi.org/10.1155/2022/16322 24
30	Next geen ratio n opti miza tion mod els	Rohit verma, Dheera j Rane, Ravi shanka r jha	Com puter Scie nce and Engi neeri ng	Scienti fic progra mming	2 0 2 2	Ar tic le ID 24 19 29 1	https://doi.org/10.1155/2022/24192 91

	and algorithms in cloud and fog computing virtualization on security: the present state and future								
	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	National / International conference	Year of publication	ISBN /ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher

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1	Dr. Mukesh Patidar	AI-Centric Smart City Ecosystems	EC	Chapter 6 – The Role of Nanoelectronics Devices for Development in Smart City Ecosystem	T aylor & Francis	International	2022	9781003252542	IIST Indore
2	Ankit Jain	AI-Centric Smart City Ecosystems	EC	Chapter 6 – The Role of Nanoelectronics Devices for Development in Smart City Ecosystem	T aylor & Francis	International	2022	9781003252542	IIST Indore
3	Dr. Mukesh Patidar		EC	An Empirical Study and Simula	I 2 End Ent E X na p	International	22-Dec	https://doi.org/10.1109/ICTACS56270.20	IIST Indore

				tion Analys is of the MAC Layer Model Using the AWG N Channe l on WiMA X Techno logy	l o r e n a l C o n f e r e n c e o n T e c h n o l o g i c a l A d v a n c e m e n t s i n C o m p u t a t i o n a l S c i e n c e s (I C T A			22.998 8033	
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4	Ankit Jain		EC	An Empiri cal Study and Simula tion Analys is of the MAC Layer Model Using the AWG N Channe l on WiMA X Techno logy	I 2 E E E X p l o r e	Internationa l	22- Dec	https://doi.org/10.1109/ICTACS56270.2022.9988033	IIS T Ind ore

					ie nc es (I C T A C S)				
4	Dr. Dhee rendr a Vikr am Sing h	-	ME	Paddy Residu e Potenti al as Energy Resour ces - A Critical Review	A Int I P C o n f . P r o c . 2 8 0 0 , 0 2 0 1 4 5 (2 0 2 3)	Internationa l	2022- 2023	1551- 7616	IIS T Ind ore

5	Mr.Lokes h Aurangadkar	-	ME	Flow comparison of two phase constant area ejector using different refrigerants by computational fluid dynamic	N A	International	2022-2023	NA	IIST Indore
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6	Mr. Pankaj Malviya	Transportation Energy and Dynamics	CM	Heavy Metals Contaminants Threat to Environment: It's Possible Treatment	-	-	International	2023	ISBN978-981-99-2149-2,	IIST Indore
7	Mr. Pankaj Malviya		CM	Review on waste water generation its effect and treatment methodology	su	sta				
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8	Dr. Margi Patel		CSE	Age and Gender Recognition using Deep Learning Technique	I I S T I n d o r e				
9	Dr. Margi Patel		CSE	An Integrated Approach to Analysing and Measuring Weather Data					

				for Weathe r Foreca st Predict ion					
10	Dr.N amra ta Kaus hal	Compu tational and Analyti c Metho ds in Biologi cal Scienc es	ESH	Optimi zation of Covid- 19 Risk Factors Using Fuzzy Logic Inferen ce System , publish ed in Spring er Book Chapte r: Compu tational & Analyti c Metho ds in Biologi cal Scienc es.	9 7 8 - 9 3 - 9 4 5 2 1 - 1 5 - 5				
11	Dr.P arim	Compu tational	ESH	Optimi zation					

	eeta Chan chan i	and Analyti c Metho ds in Biologi cal Scienc es		of Covid- 19 Risk Factors Using Fuzzy Logic Inferen ce System , publish ed in Spring er Book Chapte r: Compu tational & Analyti c Metho ds in Biologi cal Scienc es.					
12	Dr. Jyoti Gupt a	Compu tational and Analyti c Metho ds in Biologi cal Scienc es	ESH	Optimi zation of Covid- 19 Risk Factors Using Fuzzy Logic Inferen ce		II S T In do re	Velammal Institute of Technology		

				System , publish ed in Spring er Book Chapte r: Compu tational & Analyti c Metho ds in Biologi cal Scienc es.					
13	Dr. Sami dha Saxe na	Compu tational and Analyti c Metho ds in Biologi cal Scienc es	ESH	Optimi zation of Covid- 19 Risk Factors Using Fuzzy Logic Inferen ce System , publish ed in Spring er Book Chapte r:		Internationa l	2023	978- 87- 7022- 695-0 (Hardb ack) 978- 87- 7022- 694-3 (Ebook).	IIS T Ind ore

				Computational & Analytic Methods in Biological Sciences.					
14	Dr. Sathish Kumar Penc hala	Bio-Inspired Optimization in Fog and Edge Computing Environments	Dr. Sathish Kumar Penc hala	Roles and future of the internet of things - based smart health care models		International	2023	9781003322931	IIST
15	Dr. Dheeraj Rane	Bio-Inspired Optimization in Fog and Edge Computing Environments	Dr. Dheeraj Rane	Roles and future of the internet of things - based smart health care models		International	2023	9781003322931	IIST
16	Mr. Rakesh Jain	Bio-Inspired Optimization	Mr. Rakesh Jain	Roles and future of the internet		International	2023	9781003322931	IIST

		in Fog and Edge Computing Environments		of things - based smart health care models					
17	Dr. Sathish Kumar Panchala		Dr. Sathish Kumar Panchala					z	

- Industry linkage
- MoUs with Industries (Minimum 3(10))

MoU's				
Title of the collaborative activity	Name of the collaborating agency with contact details	Year of collaboration	Duration	Nature of the activity
Two Days Workshop(FDP) by e-Yantra IITB	eYantra IIT Bombay	1/10/2015	Life Time	Workshop cum FDP
Certificate Program	National Program Technology Enhanced Learning (NPTEL)	1/1/2016	Life Time	MOOC Certification
Internship Program	Internshala	7/1/2018	Life Time	Internship

Getting started with redhat	Red Hat	12/7/2018	Life Time	Seminar / Webinar
Activity for Students of Various Schools - Learn and Win	AWS Academy	12/19/2018	Life Time	School Connect Program
Certificate Program	Skill Rack	8/22/2019	Life Time	MOOC Certification
Value added Training on CREO	MSME Technology Centre, Indore	11/28/2019	Life Time	Value added Training
Certification Course on Advance Solid Works			Life Time	Certificate Course
Value added Training on Solid Works			Life Time	Value added Training
Certificate Program	Coursera	3/19/2020	Life Time	MOOC Certification
Addon Course on Application and Virtualization of Data Structure	Programming World	1/5/2021	Life Time	Addon Course
Addon Course on Advance Java, Module – 1			Life Time	Addon Course
Addon Course on Advance Java, Module – 2			Life Time	Addon Course
Internship for I Year on Introduction to			Life Time	Internship Program

logical thinking and smart programming				
Internship for II Year on Web development using HTML, CSS, and Java Script			Life Time	Internship Program
Internship for I Year on The Joy of learning using python	Pi-Tech Pvt. Ltd.	1/5/2021	Life Time	Internship Program
Internship for II Year on Real time embedded system and IoT Application Module 1			Life Time	Internship Program
Internship for II Year on PCB Design			Life Time	Internship Program
Internship for II Year on Real Time Embedded System & IOT Application Module -2			Life Time	Internship Program
Certificate Program	edX	1/21/2021	Life Time	MOOC Certification
Certificate Program	CISCO Networking Academy	10/25/2021	10/24/2024	MOOC Certification

Certification Course on Design and Development of Drone Prototype	ORC Electronics India Pvt Ltd	5/19/2023	Life Time	Certificate Course
Certification Course on Drone Development	Om Drone Developer Pvt Ltd	5/17/2023	Life Time	Certificate Course
Addon Course on AI Based Product Development (Basis)	Codenscious Technologies Pvt. Ltd	9/28/2022	Life Time	Addon Course
Addon Course on AI Based Product Development (Advance)			Life Time	Addon Course
Workshop on Virtual Lab by the Expert	Virtual Lab	12/24/2014	Life Time	Workshop
Expert Session on Basics of Quality Concept	Quality Circle	4/29/2019	2034-35	Expert Session
Activity for Students of Various Schools - Learn and Win	Hemans AI	1/11/2021	Life Time	Training
Expert Session on Basics of Heat Transfer Process	Manish Shah & Association	9/1/2021	Life Time	Expert Session

Training Program on Total Station	KTRC Engineering Services	9/13/2021	Life Time	Training
Associated with International Conference	Curtin University Malaysia	10/1/2021	Life Time	International Conference
Meditation Session during 7 Days NSS Camp	Heartfulness Education Trust	6/13/2022	6/12/2025	Expert Session
Visit to NIT Warangal for the Schemcon Event organized by IICHE.	Indian Institute of Chemical Engineers (IICHE)	2019-20	Life Time	Field Visit
Field Visit: IITI DRISHTI CPS Foundation IIT Indore	IITI Drishti CPS Foundation, IIT Indore	3/24/2023	Life Time	Field Visit
Two Days Workshop(FDP) by e-Yantra IITB	eYantra IIT Bombay	1/10/2015	3/23/2025	Workshop cum FDP
Organisation with which MoU is signed	Name of the institution/ industry/ corporate house	Duration	List the actual activities under each MOU year wise	Number of students/teachers participated under MoUs
Virtual Lab	IIT Delhi	Life Time	Workshop on Virtual Lab by the Expert	329
Google Developer Student Club (GDSC)		Life Time	Introductory Session of GDSC by	102

			DSC IIST Lead	
Quality Circle		2034-35	Expert Session on Basics of Quality Concept	52
Codechef		Life Time	Code at Eve (Coding Competition)	48
Hemans AI		Life Time	Activity for Students of Various Schools - Learn and Win	255
National Digital Library of India (NDLI)		Life Time	Library Orientation Programme	4
Git Hub		Life Time	Introduction to Git and Github	110
Geeks for Geeks		Life Time	Introduction to Geeks for Geeks	34
	Manish Shah & Association	Life Time	Expert Session on Basics of Heat Transfer Process	53
	Enviroessentials Pvt. Ltd	9/6/2022	PO given for STP	-
	KTRC Engineering Services	Life Time	Training Program on Total Station	39
	Curtin University Malaysia	Life Time	Associated with International Conference	17

Heartfulness Education Trust		6/12/2025	Meditation Session during 7 Days NSS Camp	37
Indian Institute of Chemical Engineers (IICHE)		Life time	Conducted Quiz, Poster, Blog Writing and Cricket Match under IICHE Students Chapter	68
Indian Institute of Chemical Engineers (IICHE)			Visit to NIT Warangal for the Schemcon Event organized by IICHE.	24
Institution Innovation Council (IIC)		2023-24	IIC Annual Report	241
	IITI Drishti CPS Foundation, IIT Indore	3/23/2025	Field Visit: IITI DRISHTI CPS Foundation IIT Indore	40
	Hycube Work Private Limited	Life Time	Signing of MoU	2
eYantra IIT Bombay	IIT Bombay	Life Time	Two Days Workshop(FD P) by e-Yantra IITB	33
National Program Technology Enhanced		Life Time	Certificate Program	8

Learning (NPTEL)				
Internshala		Life Time	Internship Program	16
Red Hat		Life Time	Getting started with redhat	616
AWS Academy		Life Time	Activity for Students of Various Schools - Learn and Win	255
MSME Technology Centre, Indore		Life Time	Certificate Program	45
		Life time	Value added Training on CREO	43
			Certification Course on Advance Solid Works	31
Coursera			Value added Training on Solid Works	43
		Life Time	Certificate Program	168
	Programmming World Pvt. Ltd.	Life Time	Addon Course on Application and Virtualization of Data Structure	62
			Addon Course on Advance Java, Module – 1	182
			Addon Course on Advance	198

			Java, Module – 2	
			Internship for I Year on Introduction to logical thinking and smart programming	198
			Internship for II Year on Web development using HTML, CSS, and Java Script	207
	Pi-Tech Pvt. Ltd.	Life Time	Internship for I Year on The Joy of learning using python	65
			Internship for II Year on Real time embedded system and IoT Application Module 1	55
			Internship for II Year on PCB Design	49
			Internship for II Year on Real Time Embedded System & IOT Application Module -2	55

		Life Time	Certificate Program	101
		10/24/2024	Certificate Program	257
	ORC Electronics India Pvt Ltd	Life time	Certification Course on Design and Development of Drone Prototype	55
	Om Drone Developer Pvt Ltd	Life Time	Certification Course on Drone Development	80
	Codenscious Technologies Pvt. Ltd	Life Time	Addon Course on AI Based Product Development (Basis)	255
			Addon Course on AI Based Product Development (Advance)	184

- **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 :**

<https://iist.indoreinstitute.com/iist/best-practices/>

<https://iist.indoreinstitute.com/iist/institutional-distinctiveness/>