JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

ANNUAL REPORT

JECRC

2021-22

Jaipur Enginnering College & Research Centre

Key Performance Indicators (KPIs) Year 2021-22

S. No.	Parameter	Reference Parameter	Max. Marks	Obtained Marks
1	NBA + NAAC	NBA: No. of course X 25 + NAAC: Grade A++/A+=50; A/B++=40; B+/B=30; C=20; D=0	100	80
2	Qualified Principal	YES / NO	20	20
3	Student Faculty/Ratio (SFR)	100 X (actual number of qualified faculty / Required number of facluty as per AICTE Norms	100	100
4	Professor	30 X (Actual number of qualified professor / Required number of Professor as per AICTE Norms)	30	19
5	Assoc. Professor	20 X (Actual number of qualified Assoc. professor / Required number of Assoc. Professor as per AICTE Norms)	20	11
6	Endowment Fund	YES / NO	20	20
7	Journal / Technical published with valid ISSN or ISBN Number	Number X 10	20	20
8	Approved centre of excellence in domain of Engg. and Technology	Number X 20	40	20
9	Incubation Centre	Incubation Centre = 10	20	20
10	Gross Student Enrolment	50 X (Actual students/ Sanctioned intake)	70	63
11	Performance performance	[10 X (Student passed out without backlog) + 5 X (number of student passed out with backlog but stipulated time)] X 10 ——————————— Enrolled students	100	80
12	Percentage of students passed with first div. / Honours (students passed in stipulated time with or without backlog)	30 X (Student passed with first div. or Honours /Enrolled students)	30	20
13	Percentage of students qualified GATE exam (4th year students)	30 X (Student Qualifed Gate Exam / Enroll Students)	30	1
14	Percentage of students placed	70 X (number of student placed * 1.43 / Sanctioned intake)	70	66
15	Percentage of student placed with average annual package of above 3.5Lac	30 X (number of student having package above 3.5 lac / Total number of student placed)	30	26
16	Paper Published in SCI/SCIE/ESCI/Web of science Journals; patents;	Number of papers in SCI/SCIE/ESCI/Web of science journals X 10 No. of Patent published X 4	100	100
	Paper Published in Scoups or UGC approved journals	No. of Patent granted / awarded X 20		
	UGC published in other journals with valid ISSN	No. of paper published in Scoupus or UGC Approved Journals X 7 No. of other journals publications X 5 (max. 40)		
17	Paper published in conference proceeding	No. of paper in indexed conference X 5 No. of paper in non indexed conference X 3	30	30
18	Project/Consultancies (in Rs Lacs)	3 Per Lacs	50	50
19	National /International conference organised /Hackathon	10 X No. of international conf. organised 20 X No. of international conf. organised 30 X no. of hackathon organised	40	40
20	FDP Organised	Number *(1 for 1-Day workshop; 2 for 2-4 days workshop; 5 for 5 days/one week or above)	40	40
21	FDP / Workshop attended by faculty	Number *(1 for 1-Day workshop; 2 for 2-4 days workshop; 5 for 5 days/one week or above)	40	40
		Total	1000	866

Prof. (Dr.) V.K. Chandna
Principal

PRINCIPAL
Jaipur Engineering College &

Jaipur Engineering College and Research Centre

Shri Ram Ki Nangal, Via Sitapura RIICO, Opp. EPIP Gate,
Tonk Road, Jaipur-302 022
Ph. No.0141-2770232, 2770120
Fax No.0141-2770803

NBA+NAAC

1. Electronics and Communication Engineering NBA Accredited year 2022 to 2025 (i.e. 30.06.2025)
2. Mechanical Engineering - NBA Accredited year 2022 to 2025 (i.e. 30.06.2025)
3. NAAC Accreditation - NAAC Accreditation Year 2021 to 2026 (30.06.2026)

Point 80

QIV

Session 2022-23 (RTU)

राष्ट्रीय प्रत्यायन बोर्ड

चौथा तल, ईस्ट टावर, एन. बी. सी. सी. प्लेस, भीष्म पितामह मार्ग, प्रगति विहार, लोधी रोड़, नई दिल्ली -110003

NATIONAL BOARD OF ACCREDITATION

4th Floor, East Tower, NBCC Place, Bhisham Pitamah Marg, Pragati Vihar, Lodhi Road, New Delhi 110003

F.No.32-7/2010-NBA

Dated: 13-06-2022

To,
The Principal
Jaipur Engineering College and Research Centre
Shri Ram Ki Nangal Sitpura Riico Epip Gate,
Jaipur- 302022, Rajasthan

Subject: Further accreditation status on the basis of Compliance Report of the programs in Tier II offered by Jaipur Engineering College and Research Centre, Shri Ram Ki Nangal Sitpura Riico Epip Gate, Jaipur- 302022, Rajasthan.

Sir,

This is regarding Compliance Report submitted by **Jaipur Engineering College and Research Centre, Shri Ram Ki Nangal Sitpura Riico Epip Gate, Jaipur- 302022, Rajasthan** for the UG Engineering programs which were accredited by NBA in Tier-II for academic years 2018-19 to 2020-21 whose validity of accreditation had expired on 30.06.2021. The programs were granted accreditation for the Academic Year 2021-22 i.e. upto 30/06/2022 on account of present pandemic situation due to Corona Virus.

2. An Expert Team conducted data verification of the programs on **07th May, 2022**. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The competent authority in NBA has approved the following accreditation status to the program as given in the table below:

Sl. No.	Name of the Program(s) (UG)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Electronics & Communication Engineering	Tier-II June, 2015 Document	Accredited	Academic Years 2022-2023 to 2024-2025 i.e. upto 30-06-2025	Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the competent authority, whichever is earlier.
2.	Mechanical Engineering		Accredited		

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4. The programs have been granted accreditation for further 3 years. **Jaipur Engineering College and Research Centre, Shri Ram Ki Nangal Sitpura Riico Epip Gate, Jaipur- 302022, Rajasthan** should submit fresh online application through eNBA portal at least five months before the expiry of validity of accreditation mentioned above.

5. The accreditation status awarded to the programs as indicated in the above table does not imply that the accreditation has been granted to **Jaipur Engineering College and Research Centre, Shri Ram Ki Nangal Sitpura Riico Epip Gate, Jaipur- 302022, Rajasthan** as a whole. **As such the Institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is program accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously.** Complete name of the program(s) accredited, level of program(s) and the period of validity of accreditation, as well as the Academic Year from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

Contd./...

Tel: +91 11 2436 0620-22, 2436 0654; Telefax: +91 11 4308 4903
Website: http://www.nbaind.org |Email:membersecretary@nbaind.org

6. The accreditation status of the above programs is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited programs as indicated in the table in paragraph 2, appears on the website and information bulletin of the Institute.

7. The accreditation status awarded to the programs as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.

8. A copy each of Report of the Visiting Team in respect of the above programs is enclosed.

Yours faithfully,

(Dr. Anil Kumar Nassa)
Member Secretary

Encls: 1. Copy each of Report of the Visiting Team in respect of the programs.

Copy to:

1. The Registrar
   Rajasthan Technical University
   Rawat Bhata Road,
   Dadabari, Kota, Rajasthan 324009

2. The Director of Technical Education
   W-6, Gaurav Path, Residency Road,
   Jodhpur (Rajasthan)-342032

3. Accreditation File

4. Master Accreditation file of the State

NAAC

Institutional Assessment and Accreditation

(Effective from July 2017)

Accreditation - (Cycle: 1).

JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE, Jaipur, Rajasthan, 302022

Track ID : RJCOGN109591

AISHE-ID : C-25107

Visit dates : 15 - 12 - 2021 to 16 - 12 - 2021

Grade Sheet

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

P.O. Box No. 1075, Nagarbhavi, Bengaluru - 560 072, INDIA

Name of the Institution: JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE
Type of the Institution: Affiliated College
Dates of Visit: 15 - 12 - 2021 to 16 - 12 - 2021

No	Criteria	Weightage (W_i)	Criterion-wise weighted Grade Point ($CrWGP_i$)	Criterion-wise Grade Point Averages ($CrWGP_i / W_i$)
1	Curricular Aspects	100	315	3.15
2	Teaching-learning and Evaluation	350	963	2.75
3	Research, Innovations and Extension	100	220	2.2
4	Infrastructure and Learning Resources	90	257	2.86
5	Student Support and Progression	135	300	2.22
6	Governance, Leadership and Management	95	233	2.45
7	Institutional Values and Best Practices	100	271	2.71
	Total	$\sum_{i=1}^{7}(W_i) = 970$	$\sum_{i=1}^{7}(CrWGP_i) = 2559$	**2.64**

Institutional CGPA $= \sum_{i=1}^{7}(CrWGP_i) / \sum_{i=1}^{7}(W_i) = 2559 / 970 = 2.64$

Grade: B+

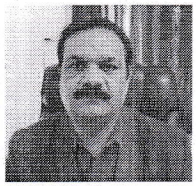
Name of the Institution: JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE
Type of the Institution: Affiliated College
Dates of Visit: 15 - 12 - 2021 to 16 - 12 - 2021

No	Criteria and Key Indicators	Key Indicator Weightage (W_i)	Key Indicator Wise Weighted Grade Points $(KIWGP)_i$
Criterion 1: Curricular Aspects			
1.1	Curricular Planning and Implementation	20	55
1.2	Academic Flexibility	30	120
1.3	Curriculum Enrichment	30	110
1.4	Feedback System	20	30
Total		$\Sigma W_1=100$	$\Sigma (KIWGP)_1 =315$
Calculated $CrGPA_1$ = $\Sigma (KIWGP)_1$ / ΣW_1 = 315 /100 = 3.15			
Criterion 2: Teaching-learning and Evaluation			
2.1	Student Enrollment and Profile	40	160
2.2	Catering to Student Diversity	50	140
2.3	Teaching- Learning Process	50	85
2.4	Teacher Profile and Quality	60	160
2.5	Evaluation Process and Reforms	30	90
2.6	Student Performance and Learning Outcomes	60	150
2.7	Student Satisfaction Survey	60	178
Total		$\Sigma W_2=350$	$\Sigma (KIWGP)_2 =963$
Calculated $CrGPA_2$ = $\Sigma (KIWGP)_2$ / ΣW_2 = 963 /350 = 2.75			
Criterion 3: Research, Innovations and Extension			
3.1	Resource Mobilization for Research	15	60
3.2	Research Publications and Awards	15	0
3.3	Extension Activities	60	160
3.4	Collaboration	10	0
Total		$\Sigma W_3=100$	$\Sigma (KIWGP)_3 =220$
Calculated $CrGPA_3$ = $\Sigma (KIWGP)_3$ / ΣW_3 = 220 /100 = 2.2			
Criterion 4: Infrastructure and Learning Resources			
4.1	Physical Facilities	30	70
4.2	Library as a Learning Resource	20	52
4.3	IT Infrastructure	30	115
4.4	Maintenance of Campus Infrastructure	10	20
Total		$\Sigma W_4=90$	$\Sigma (KIWGP)_4 =257$

No	Criteria and Key Indicators	Key Indicator Weightage (W_i)	Key Indicator Wise Weighted Grade Points $(KIWGP)_i$
	Calculated $CrGPA_4$ = $\sum (KIWGP)_4 / \sum W_4$ = 257 /90 = 2.86		
	Criterion 5: Student Support and Progression		
5.1	Student Support	45	60
5.2	Student Progression	30	70
5.3	Student Participation and Activities	50	140
5.4	Alumni Engagement	10	30
	Total	**$\sum W_5$=135**	**$\sum (KIWGP)_5$ =300**
	Calculated $CrGPA_5$ = $\sum (KIWGP)_5 / \sum W_5$ = 300 /135 = 2.22		
	Criterion 6: Governance, Leadership and Management		
6.1	Institutional Vision and Leadership	10	30
6.2	Strategy Development and Deployment	10	24
6.3	Faculty Empowerment Strategies	25	75
6.4	Financial Management and Resource Mobilization	20	24
6.5	Internal Quality Assurance System	30	80
	Total	**$\sum W_6$=95**	**$\sum (KIWGP)_6$ =233**
	Calculated $CrGPA_6$ = $\sum (KIWGP)_6 / \sum W_6$ = 233 /95 = 2.45		
	Criterion 7: Institutional Values and Best Practices		
7.1	Institutional Values and Social Responsibilities	50	121
7.2	Best Practices	30	90
7.3	Institutional Distinctiveness	20	60
	Total	**$\sum W_7$=100**	**$\sum (KIWGP)_7$ =271**
	Calculated $CrGPA_7$ = $\sum (KIWGP)_7 / \sum W_7$ = 271 /100 = 2.71		
	Grand Total	**970**	**2559**

Institutional CGPA = $\sum_{i=1}^{7} (CrWGP_i) / \sum_{i=1}^{7} (W_i)$ = 2559 /970 = 2.64

Dr. Vinay Kumar Chandna
Ph.D. Electrical (DCE), M.E. (Power System), B.E. (Electrical)



RESUME

Name	:	**Vinay Kumar Chandna**
Fathers Name	:	Lt. Sh.K.K.Chandna
Date of Birth	:	02-09-1973
Addres	:	E-806, Ashadeep Green Avenue, Near Gyan Vihar University, jagat Pura, Jaipur-302017
Phone	:	+91- 98914 06784 (M) +91-8506998245 (R)
Passport	:	H-7395535 (22-10-2009 to 21-10-2019) T8061396 (
Country Visited:		U.S.A. (Louisiana, New York) (2010), Bangkok (2011), London (2018)
WES REFERENCE	:	2787088
E-mail		vinaychandna@yahoo.co.in, vinaychandna@ieee.org

Biography included in Marqui's Who's Who in the World-2012

Present Skills: Resource person and Evaluator for ACCREDITATION as per Washington Accord. In India it is National Board of Accreditation.

Level-5 certificate course on **leadership & Management** from CMI London through Dudley College London under UKIERI programme, 2018.

Dr. Vinay Kumar Chandna
Ph.D. Electrical (DCE), M.E. (Power System), B.E. (Electrical)

Present Assignment : Principal, Jaipur Engineering College and Research Centre, Jaipur.

Project leader (Rajasthan) for Newton-Bhabha project to make skill faculty for Deep Learning, AI.

Present Training:

One day workshop on Volunteer, Training, Philosophy, Process & Best Practices in ABET by Dr. Michael K. J. Milligan, Executive Director-ABET, on 25/2/15 at India Habitat Centre, Delhi

One day workshop on "Brainstorming session on Effective Evaluation" by NBA on 24/2/15 at India Habitat Centre, Delhi

Attended World Summit on Accreditation, WOSA-16 at Hotel Leela Palace during 18-20th March, 2016.

Also attended 3rd and 4th addition of World Summit on Accreditation, WOSA-17, WOSA-18.

Initiatives at JECRC as Principal/Director:

a. Best outstanding institute in North India for 2018-19 by NITTTR Chandigarh, sep-2019.
b. RTU third ranking among A grade institutions for 2018-19.
c. Speaker at Higher education & Human Resource conclave, Rajasthan on 24-25 September, 2018.
d. Advisory member at Startup Technology Vibrant IT Summit from 11-13 October, 2018 at Gandhinagar Gujrat.
e. Member of Newton-Bhaba funding project in the area of Deep Learning, AI in association with Bennet university.
f. Industry interaction for skill developments of students in the area of Linux, Sales Force, Embedded systems, AI, Deep Learning, IOT, Cyber security, SCADA, PLC etc. and providing training to the students in the area.
g. Organized Smart INDIA Hackathon-18 and received appreciation from Col. Rajayvardhan Singh Rahore, AICTE and Ministry of I&B on dated 30-31st March-2018.
h. Advisory Member for Global outreach education conference and awards 2018 on 27th march 2018 by REDINNO.
i. Motivating faculty members to carryout the OBE process in place.
j. Placement opportunity creation for the students who are interested in Govt. Jobs and also for non eligible students.
i. Grant of Rs. 30,00,000 (Rs Thirty Lakh only) for establishing Rural Technology Business Incubator File No. F15(12)DST/EDP-SDP/2016-17/Part-1/5945, Dated 26-3-18.
j. Initiated ICT based faculty development and student development programs.
k. Initiated technical events at the department level and created interdisciplinary technical clubs.
l. Initiative taken for the faculty members to publish papers and attend conferences of repute.

m. Chaired a delegation to Lincoln University from JECRC to have bi-lateral relationship and signed an MoU with UKIE pvt. Limited to have collaborative education hub at Jaipur. Signed MoU with Lincoln University UK.
n. Received certificate of appreciation from Forsk Technologies for contribution towards Project Based learning in Emerging technologies on 11/4/18.
o. Organized International conference on "Emerging Trends in Expert Application & Security" (ICETEAS2018) in association with Springer as General Chair at JECRC Jaipur.
p. Organised International congress on "Information and Communication Technology" (ICICT2018) in association with Springer and Brunel University at Brunel UK (London) as Supporting Chair. Delivered Inaugural address, Chaired sessions and presented papers. Received certificate of appreciation at Brunel University.
q. Invited talk on "Outcome based Education Needs and Advantages" at Global outreach education conference and awards 2018 on 27th march 2018 by REDINNO.
r. Organised Recent Technological Developments in Electronics and Electrical Engineering-2018 (RTDEEE-2018) and associated with ISST India, UGC approved list
s. Organized Recent Innovations & Technological development in Mechanical Engineering (RITDME-2018) and associated with ISST India and IFO, UGC approved list
t. Organized Information Technology and Digital Applications (ICITDA-2018) and associated with International Journal of Information Technology, ACM, IJETAE, IGI Global, IJCEA and Springer and paper will be published in BJIT published by Springer Nature, IJETAE ISSN-2250-2459, IJECA ISSN: 2321-3469, IGI
u. Organized Mathematical Modeling and Computing (ICMMC-2018) and associated with Springer and IJETAE ISSN-2250-2459; UGC approved, Indexed by: Google, Yahoo, Entire We, UK Index, Get Cited, Exact Seek, Amphibia Info Mine.

NATIONAL BOARD OF ACCREDITATION PEV VISITS

Visits as Program Evaluator (PEV) through National Board of Accreditation (NBA)

1. Maharashtra Academy of Engineering & Education Research, MIT-Pune from dated 1-3rd August, 2014.
2. **Velammal Engineering College** Chennai, Tamil Nadu from 23rd to 25th January, 2015
3. **MaharajVijayaramGajapathi Raj (MVGR)** College of Engineering, Vijayaram Nagar Campus, Chintalavalasa, Vizianagaram-535005, Andhra Pradesh from 20thto22ndMarch, 2015
4. Visit of Expert Team to **Govt. College of Engineering, Vidyanagar**, Karad, Dist:Satara- 415124, Maharashtra from 30th October – 1st November, 2015 to evaluate its UG and PG Engineering programmes in Tier-II format for grant of NBA accreditation.
5. **Sree Vidyanikethan Engineering College, SreeSainath Nagar, A. Rangampet, Tirupati**, Chittoor District – 517102, Andhra Pradeshto evaluate PG Engineering programmes in Tier I format for grant of NBA accreditation, 18-20-12-2015.
6. Visit of Expert Team to **Sardar Vallabhbhai National Institute of Technology, Ichchanath, Surat**-395 007, Gujaratfrom 29th to 31st January, 2016 to evaluate UG Engineering programmes in Tier I format for grant of NBA accreditation
7. Visit of Expert Team to **Birla Institute of Technology, Mesra, Ranchi, Jharkhand** from 26th to 28th August, 2016to evaluate PGEngineeringprogrammes in Tier I format for grant of NBA accreditation.
8. Visit of the Expert Team to **North Eastern Regional Institute of Science & Technology, Nirjuli**, Itanagar, Arunachal Pradesh-791 109from 06th to 08th May, 2016 to evaluate UG Engineering programmes in Tier-I format for grant of NBA Accreditation.
9. Visit of Expert Team to **Heritage Institute of Technology, Chowbaga Road, Anandapur** P.O. –East Kolkata Township, Kolkata- 700 107, West Bengal from 21st to 23rd October, 2016 to evaluate its UG Engineering programs in Tier-II format for grant of NBA accreditation.

10. Visit of Expert Team to **Crescent Institute of Science and Technlogy Chennai** from 26th to 28th August, 2016to evaluate PGEngineeringprogrammes in Tier I format for grant of NBA accreditation.
11. **BankuraUnnayaniInstitue of Engineering, Subhankar** Nagar, P.O. Baghabandh, Dt. Bankura , West Bengal-722146from 1stto 3rd April, 2016 to evaluate its UG Engineering programmes in Tier-II format for grant of NBA accreditation.
12. Visit of Expert Team to **St. Ann's College of Engineering & Technology, Nayunipalli** (V), Vetapalem (Mandal), Chirala, Prakasam District – 523187, Andhra Pradesh from 18th to 20th August , 2017 to evaluate its UG Engineering programme in Tier-II format for grant of NBA accreditation.
13. Visit of Expert Team **to Lords Institute of Engineering and Technology**, Sy.No.32, Himayatsagar, Near Police Academy Junction, Hyderabad-500091, Andhra Pradeshfrom03rd to 05th November, 2017 to evaluate its UG Engineering programmes in Tier-II format for grant of NBA accreditation.
14. Visit of Expert Team to **SreeVidyanikethan Engineering College, SreeSainath** Nagar, A. Rangampet, Tirupati, Chittoor District – 517102, Andhra Pradeshto evaluate PG Engineering programmes in Tier I format for grant of NBA accreditation.
15. Visit of Expert Team to **R.V.R. & J.C. College of Engineering Chandramoulipuram**, Chowdavaram-522019, Guntur District, Andhra Pradesh from31st March to 02nd April, 2017 to evaluate its UG Engineering programmes in Tier-II format for grant of NBA accreditation.
16. Visit of Expert Team to **Kalaignar Karunanidhi Institute of Technology, Kannampalayam**(Post), Coimbatore – 641 402, Tamil Nadu from 3rd to 5th February 2017 to evaluate its UG Engineering programs in Tier-II format for grant of NBA accreditation.
17. Visit of Expert Team to **Siddartha Institute of Science and Technology, Narayanavanam** Road, Puttur-517583, Andhra Pradesh from 28th-30th September,2018 to evaluate its UG Engineering programs in Tier-II format for grant of NBA accreditation
18. Visit of Expert Team to **Vidya Jyothi Institute of Technology, Azeez Nagar** Gate, Himayat Nagar (V), C.B.Post, Hyderabad 500075, Telanganafrom 20thto 22ndApril, 2018 to evaluate its UG Engineering programs in Tier-II format for grant of NBA accreditation.
19. Nehru Institute of Engineering and Technology, Nehru Gardens, Thirumalayampalayam, Coimbatore-641 105, Tamil Nadu from 12th to 14th April, 2019 to evaluate its UG Engineering programs in Tier-II format for grant of NBA accreditation.
20. Visit of Expert Team to Shri Sant Gajanan Maharaj College of Engineering, Shegaon, Dist. - Buldana, Maharashtra-444203from 20th- 22nd September,2019to evaluate its UG Engineering program Electrical and Power under tier-II.

BRIEF RESEARCH WORK

Topic of Thesis during Ph.D.: Design, configuration and implementation of an intelligent SCADA system

The following work is accomplished:

1. Design of the Supervisory Control and Data Acquisition System (SCADA) application to power system is done and Transputrized workstations and FPGA based workstations are proposed for different tasks in the power system.
2. Design of Remote Terminal Unit (RTU) an important component of SCADA system is done and design procedure with reliability analysis and PETRINET algorithm is discussed.

3. Study of Human Machine Interface is done and Ergonomics in the control centre design for power system is implemented at different stages, also the design of control centre software and database is proposed.
4. Study of pre-processing of data using different techniques is done and pre-processing of data using **Fuzzy logic and Fuzzy-Genetic algorithm** is proposed for the intelligent SCADA system.

EDUCATIONAL QUALIFICATION:

1. Level-5 certificate course on leadership & Management from CMI London through Dudley College London under UKIERI programme, 2018.
2. Ph.D. Electrical (Electrical Engineering), from Delhi College of Engineering, Delhi, Delhi University, May-2008.
3. M.E. Electrical (Power Systems) from Walchand College of Engineering, Sangli, MAH. in 1997 with 76.59% (Distt.).
4. GATE-95 with 86.67%ile.
5. B.E. Electrical from Nagpur University in 1994 with 69.44%.
6. XIIth from CBSE board Delhi in 1990 with 73.25%.
7. Xth from CBSE board Delhi in 1988 with 59.0%.

International Visits / awards:

S. No.	Country	Date	Purpose of visit
1	USA, New Orleans, Louisiana (DST Grant)	April 19-22, **2010**	2010 IEEE PES Transmission and Distribution Conference and Exposition
2.	Bangkok	26-28 Dec, 2011	Elsevier International Conference
3.	London	26Feb-2nd March, 2018	Representing JECRC as Host at Brunel university for Springer Conference Chair Conferenec
	Lincoln University, London	2-5th March, 2018	Represented JECRC for technical collaboration
	City of Oxford college, UK	6th March, 2018	Represented JECRC for technical collaboration

LIST OF PUBLICATIONS:

International Journal	International Conference	National Conference
17	37	6

International Journal (17)

2018 (Book Series)
Proceeding on International Conference on Emerging Trends in Expert Application & Security, "Editor: Vinay K. Chandna", Kalpa Publication in Engineering (Easy Chair Publication) , Volume-2, 16 Articles, October 23, 2018.

2018
Surbhi Gupta, Sakshi Jain, Deepika Bansal, Dr. Vinay Kumar Chandna, " A REVIEW ON: BIG DATA SECURITY: CHALLENGES & SOLUTIONS", International Journal of Computer Engineering and Applications, Volume XII, Special Issue, April- ICITDA 18, www.ijcea.com ISSN 2321-3469, UGC approved journal.

Nurul Hassan, Nishchay Jain, Dr. Vinay Kumar Chandna, " BLOCKCHAIN , CRYPTOCURRENCY AND BITCOIN", International Journal of Computer Engineering and Applications, Volume XII, Special Issue, April- ICITDA 18, www.ijcea.com ISSN 2321-3469, UGC approved journal.

Muskan Saxena, Purva Jain, Deepika Bansal, Dr. Vinay Kumar Chandna, " SOCIAL NETWORKING SITES AND ISSUES REGARDING PRIVACY", International Journal of Computer Engineering and Applications, Volume XII, Special Issue, April- ICITDA 18, www.ijcea.com ISSN 2321-3469, UGC approved journal.

Vinay Kumar Chandna, Hemlata Soni, Gaurav Gupta, "Performance Impact on Different Parameters by the ContinuousEvolution of Distributed Algorithms in Wireless Sensor Networks", at International conference on "Emerging Trends in Expert Application & Security" (ICETEAS2018) in association with Springer, 16-17 Feb, 2018, JECRC, jaipur, Springer Journal. ISSN No. 2194-5357.

Gopal Tiwari, Ram Singh, **Dr. Vinay Chandna**, Dr. S. L. Shami, Manish Jain, "Outcome Based Assessment of Engineering undergraduate final Year Projects for tire-2 Institutes" at International congress on "Information and Communication Technology" (ICICT2018) in association with Springer and Brunel University at Brunel UK (London), 27-28 Feb, 2018, London, Springer Journal. ISSN No. 2194-5357.

Priyanka Mitra, Bhavna Sharma, **Vinay Kumar Chandna**, Vijay Singh Rathore, "Design and Performance Evaluation of Hybrid Wired-Wireless Network on Chip Interconnected Architectures" at International congress on "Information and Communication Technology" (ICICT2018) in association with Springer and Brunel University at Brunel UK (London), 27-28 Feb, 2018, London, Springer Journal. ISSN No. 2194-5357.

Mukesh Agarwal, Chitra Khandelwal, Aakanksha Desai, **Dr. Vinay Kumar Chandna**, "A comparative study of mindfulness between mediators and non-mediators" at International congress on "Information and Communication Technology" (ICICT2018) in association with Springer and Brunel University at Brunel UK (London), 27-28 Feb, 2018, London, Springer Journal. ISSN No. 2194-5357.

2015
Vinay Kumar Chandna, Sagar Narang, Yash Bansal, "Sleep Disorder Recognition using Wearable Sensor and Raspberry Pi", (IJCSIT) International Journal of Computer Science and Information Technologies, Vol. 6 (4) , 2015, 3938-3942, ISSN 09759646

Mini S. Thomas, **Vinay Kumar Chandna** and Seema Arora, **"Parameteric Representation and Modeling of Indoor Broadband Power Line Channel for Data Tranmission"** Jawaharlal Nehru University, New Delhi, India-110067
Day: 20,September2015 (Sunday), *Proceedings in McGraw Hill Publication(TMH) and associated International Journals, ICIRESM-15.*

2013
Mini S. Thomas, **Vinay Kumar Chandna** and Seema Arora, ***"Load Modeling of Broadband over Power Line Communication (BPLC) Network,"*** International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Volume 2, Special Issue 1, ISSN (Print): 2320 – 3765, ISSN (Online): 2278 – 8875, Dec, 2, 2013.

2011

Seema Arora, **Vinay Kumar Chandna,** Mini S. Thomas, "Performance Analysis of 16-QAM using OFDM for Transmission of Data over Power Lines", Publication and presentation for **Elsevier International Journal** (Energy Procedia), vol 4, 2012, pp 1723-1729 on 26-28 Dec, 2011, Bangkok, Thiland.

Z.A. Jaffery, **V.K. Chadana** and S.K. Chaudhary, "Sensitivity of input blocking capacitor on output voltage and current of a PV inverter employing IGBTs", ***International Journal of Electrical and Electronics Engineering***, vol. 5, no.4, pp. 311-315, 2011. (WASET).

2010

V. K. Chandna, Mir Zahida, "Effect of varying topologies on the performance of Broadband over Power Line", **IEEE Transaction on Power Delivery, Vol-25, No. 4, Oct. 2010, pp 2371-2375.**

S.K. Chaudhary, Z.A. Jaffery and **V.K. Chadana**, "Quality Assessment of Low cost Voltage Control Voltage Source (VCVS) Inverter using Matlab Simulink., *International Journal of Electrical Engineering*, vol. 3, no. 1, pp. 15-24, 2010.

2004

P. Kumar, **V. K. Chandna**, Mini S. Thomas, "Fuzzy-Genetic algorithm for pre-processing data at RTU", **IEEE Transaction on Power Systems**, No.-19, vol.2, May-2004,vol.19, no.2, pp 718-723.

Mini S. Thomas, P. Kumar, **V. K. Chandna**, "Design, Configuration and Implementation of supervisory control and data acquisition (SCADA) laboratory for teaching and research", **IEEE Transaction on Power Systems**, Aug-2004, vol. 19, no.3, pp 1582-1588.

2003

P. Kumar, **V. K. Chandna**, Mini S. Thomas, "Intelligent algorithm for pre-processing multiple data at RTU", **IEEE Transaction on Power Systems**, Nov-2003, vol. 18, no. 4, pp 1566-1572.

<u>International Conference</u> (27)

2018

Hemlata Soni, Gaurav Gupta, V. K. Chandna, "Performance impact on different parameters by continuous evolution of distributed algorithms in wireless sensor networks: A case study", Emerging trends in expert applications and security, Springer proceedings of ICETEAS 2018, AISC, vol 814, pp 675-681.

2018 (Book Series Springer)

Gopal Tiwari, Ram Singh, **Vinay Kumar Chandna**, S. L. Shimi, Manish Jain, "**Outcome-Based Assessment of Engineering Undergraduate Final Year Projects for Tire-2 Institutes**", Third International Congress on Information and Communication Technology, 211-221, Springer, Singapore, Part of the Advances in Intelligent Systems and Computing book series (AISC, volume 797).

Agarwal M., Khandelwal C., Desai A., **Chandna V.K.**, **"A Comparative Study of Mindfulness Between Meditators and Non-meditators"** In: Yang XS., Sherratt S., Dey N., Joshi A. (eds) Third International Congress on Information and Communication Technology. Advances in Intelligent Systems and Computing, vol 797. Springer, Singapore, Part of the Advances in Intelligent Systems and Computing book series (AISC, volume 797).

Mitra P., Sharma B., **Chandna V.K.**, Rathore V.S., " **Design and Performance Evaluation of Hybrid Wired-Wireless Network on Chip Interconnect Architectures**", In: Yang XS., Sherratt S., Dey N., Joshi A. (eds) Third International Congress on Information and Communication Technology. Advances in Intelligent Systems and Computing, vol 797. Springer, Singapore, Part of the Advances in Intelligent Systems and Computing book series (AISC, volume 797).

2017

Vineet Mediratta, Kamal Bansal, Piyush Kuchhhal, Vinay Chandna, "Design and Sizing of Decentralized Grid-Connected Solar Power Plant", Proceeding of International Conference on Intelligent Communication, Control and Devices, Springer, Singapore, pp-741-746, 2017.

2015

Vinay Kumar Chandna, "Project Based Teaching-Learning a Tool for Assessment of Graduate Attributes", 3rd IEEE International Conference on MOOC's, Innovation and Technology in Education, (IEEE MITE-2015), October 1-2, 2015, at AECT, Amritsar, Punjab.

Shallu Bassi, **Dr. V. K. Chandna**, Sangeeta Singh, "Analysis of Course Outcomes of HVE-A tool for Assessment of Programme Outcomes", 3rd IEEE International Conference on MOOC's, Innovation and Technology in Education, (IEEE MITE-2015), October 1-2, 2015, at AECT, Amritsar, Punjab.

Prof. Vinay Kumar Chandna, "Course Outcome Assessment and Improvement on Weak Student", 3rd IEEE International Conference on MOOC's, Innovation and Technology in Education, (IEEE MITE-2015), October 1-2, 2015, at AECT, Amritsar, Punjab.

Abhinav Saxena, Udit Mittal, Abhilasha Pawar, **Dr. V. K. Chandna**, "Limitations and improvement in the Assessment of Course Outcomes", 3rd IEEE International Conference on MOOC's, Innovation and Technology in Education, (IEEE MITE-2015), October 1-2, 2015, at AECT, Amritsar, Punjab.

Dr. Richa Sharma, **Dr. Vinay Kumar Chandna**, "Innovative Approach to Inculcate Essential Management Attributes", 3rd IEEE International Conference on MOOC's, Innovation and Technology in Education, (IEEE MITE-2015), October 1-2, 2015, at AECT, Amritsar, Punjab.

Parveen P. Terang, Sanjiba Kr. Bisoyi, **Dr. Vinay Kumar Chandna**, "Weightage factor analysis between Programme Outcomes and Course Outcomes: A case study", 3rd IEEE International Conference on MOOC's, Innovation and Technology in Education, (IEEE MITE-2015), October 1-2, 2015, at AECT, Amritsar, Punjab.

Sanjiba Kr. Bisoyi, Parveen P. Terang, **Dr. Vinay Kumar Chandna**, "174- Analysis of course outcomes of PE-A tool for assessment of Programme Outcomes", 3rd IEEE International Conference on MOOC's, Innovation and Technology in Education, (IEEE MITE-2015), October 1-2, 2015, at AECT, Amritsar, Punjab.

Amit Kumar Roy, Gunjan Varshney, **Dr. Vinay Kumar Chandna**, " Learning through Modern Tools in Power Quality to evaluate Course Outcomes", 3rd IEEE International Conference on MOOC's, Innovation and Technology in Education, (IEEE MITE-2015), October 1-2, 2015, at AECT, Amritsar, Punjab.

2014

Vinay Kumar Chandna, "Innovative methodology for the assessment of Programme Outcomes", 2nd IEEE International Conference on MOOCs, Innovation and Technology in Education, 19-20 Dec, 2014, Thapar University Patiala, India.

2013

Mini S. Thomas, **Vinay Kumar Chandna**, Seema Arora, **"Load Modeling of Broadband Power Line Communication(BPLC) Network", INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN ELECTRICAL SYSTEMS, 12-13 December,** Department of Electrical and Electronics Engineering, Mar Athanasius College of Engineering, KOTHAMANGALAM- 686666- KERALA

Dr. Vinay Kumar Chandna
Ph.D. Electrical (DCE), M.E. (Power System), B.E. (Electrical)

2012

Mini S. Thomas, **Vinay Kumar Chandna,** Seema Arora, "Broadband over Power Line Implementation Roadmap for a Smarter Grid:l A case study for Indian Power Sector", 2012 IEEE 5th India International Conference on Power Electronics (IICPE), 6-8 Dec. 2012, Delhi Technological University, Delhi.

S Gupta, H Tiwari, M Fozdar, **V Chandna**, Development of a Two Diode Model for Photovoltaic Modules Suitable for Use in Simulation Studies, Power and Energy Engineering Conference (APPEEC), 27-29 March 2012 Asia-Pacific, 1-4

2011

Seema Arora, Vinay Kumar Chandna, Mini S. Thomas, "Performance Analysis of 16-QAM using OFDM for Transmission of Data over Power Lines", Presented at International Conference on Advances in Energy Engineering (ICAEE 2012), Elsevier International Conference on 26-28 Dec, 2011, Bangkok, Thiland.

Seema Arora, Vinay Kumar Chandna, Mini S. Thomas, "Modeling of Broadband Indoor Power Line Channel for Various Network Topologies**", 2011 IEEE PES International Conference Innovative Smart Grid Technologies-India, 01-03 Dec, 2011, Kerela.**

Seema Arora, Vinay Kumar Chandna, Mini S. Thomas, "Distribution Automation leading to a Smarter Grid**", 2011 IEEE PES International Conference Innovative Smart Grid Technologies-India, 01-03 Dec, 2011, Kerela.**

2010

V. K. Chandna, Sunil Kumar Choudhary, Z. A. Jaffery, "Simulation of Single phase RMS controlled voltage source inverter (VSI) for variation in Cdc, Cs and Rs", 20-24 Dec, 2010, IEEE PEDES POWERCON India Conference, Delhi.

V. K. Chandna, Mir Zahida, " Performance of Broadband over Power Line System", presented at 2010 IEEE PES Transmission and Distribution Conference and Exposition, April 19-22, **2010**, in the session PSC02Wd2P, No. 2010TD0401, New Orleans, Louisiana, USA.

2009

Ruchira Aneja, **V. K. Chandna,** "Comparative analysis for preprocessing voltage at RTU by using different membership functions", IEEE-ALGO-0277, IEEE International Advance Computing Conference IACC-**2009**, 6-7 March, 2009, pp. 453-457.

2008

V. K. Chandna, P. Kumar, Mini S. Thomas, "Innovation in the design of RTU and migration to IED", **IEEE Power India Conference 2008** (Powercon-**2008**), Oct. 2008, Delhi, India.

V. K. Chandna, P. Kumar, Mini S. Thomas, "Tuned fuzzy controller based over-current protection scheme", **IEEE Power India Conference 2008** (Powercon-**2008**), Oct. 2008, Delhi, India.

2006

P. Kumar, **V. K. Chandna**, Mini S. Thomas, "Ergonomics in the control centre design for power system",2006 **IEEE-INDIA International conference**, April 10-12, **2006**, 0-7803-9525-5/06/$20.00 ©2006 IEEE.

2004

P. Kumar, **V. K. Chandna**, Mini S. Thomas, "Intelligent algorithm for pre-processing multiple data at RTU", **IEEE PES Meeting** at Denver Colorado, June 6-10, **2004**.

P. Kumar, **V. K. Chandna**, Mini S. Thomas, "Fuzzy-Genetic algorithm for pre-processing data at RTU", **IEEE PES Meeting** at Denver Colorado, June 6-10, **2004**.

National conference (6)

2013
Vinay Kumar Chandna, "Typical load shedding scenario and restructuring of distribution system", IEEE sponsored national conference on Advances in Electrical Power and energy systems, 20-21 September, 2013, at AKGEC, 27 KM stone, NH-24, Adhyatmik Nagar, Ghaziabad.

2011
Sunil Kumar, **V. K. Chandna**, Z. A. Jaffery, "Quality Assessment of RMS Controlled and Fuzzy-controlled Single Phase VSI Inverter for UPS Applications", national Conference on Power, Instrumentation, Energy and Control (ΠCON –2011), Department of Electrical Engineering, Aligarh Muslim University, AMU, 12-13 Feb, 2011.

2008
V. K. Chandna, Ruchira Aneja, "Algorithm for pre-processing multiple data at RTU using Gaussian Membership function", National conference on Emerging Trends in Engineering and Technology, Deenbandhu Chhotu Ram University of Science and Technology, Murthal, Sonipat – 131039 (Haryana), Proceedings, **26-27 May, 2008**, pp 171-175.

2006
V. K. Chandna, "Data mining for power system SCADA" National conference on Energy, Communication and computers, Feb 2-4, **2006**, MAIT Delhi.

2004
V. K. Chandna, "Selection of sensors, transducers and communication buses for SCADA network", National conference on Automation of Distributed Networks at **Delhi College of Engg.** Jan-**2004**.

2003
V. K. Chandna, P. Kumar, Mini S. Thomas, "Implementation of FACTS scheme in SCADA laboratory", All India **Jamia Millia Islamia** Conference, Aug-**2003**.

Strategic Planning for an Educational Institution

All India Council of Technical Education (AICTE) is an affiliating body for the technical education in India and currently there are approximately 3500 Engineering Colleges are affiliated to the body and catering more than 12Lakh students all over India. The education sector is facing a transformation phase to cater the need of the society at global level. There are many challenges that the institutions facing today are modernization of the syllabus, providing state of the art facilities, interaction with the industry for collaborative projects, generating funds for providing facilities that matches with the need of today and are not included in the syllabus, motivation to the students, overall development of students including communication skills, providing platform for internship, placement opportunities, motivation to faculty members, training to faculty members etc. are some of the prime areas of focus.
Keeping in view the above mentioned challenges in education sector, now there is a need of strategic planning for each and individual sector for their growth. This will provide ample opportunities to develop leadership qualities among faculty members and also boost the confidence of the stakeholders in an entity.

Dr. Vinay Kumar Chandna
Ph.D. Electrical (DCE), M.E. (Power System), B.E. (Electrical)

TEACHING EXPERIENCE:

Sl. No.	Organisation / Institute	About Institute / Position	Position held	Nature of duties / work	Date of joining	Date of leaving	Exp months
1.	Jaipur Engineering College and Research Centre, Jaipur	Permanent	Principal/ Director / CEO E cell JECRC Foundation	Guidance and development of Departments, Accreditation Evaluator NBA	07-07-2015		
2.	JSS Academy of Technical Education (N)	Permanent	Professor and Head	Guidance and development of the Department	21-3-2013	06-07-2015	28
3.	ITS Engineering College	Permanent	Professor and Head	Guidance, development, research activities etc. Head of department	01-09-2011	20-3-2013	18
4.	ITS Engineering College	Permanent	Associate Prof. and Head	Guidance, development, research activities etc. Head of department		Continued (01-01-13)	
5.	Jamia Millia Islamia, Central University, Delhi	Central Govt. / Permanent	Assistant Professor	Teaching, Developing labs, Counseling to students, conducting lab of SCADA, Power Electronics, Establishment of labs.	13-10-2006	31-08-2011	58
6.	Maharaja Agarsen Institute of technology, Delhi	Private / Permanent	Assistant Professor (Associate Professor in new scale)	Teaching, Developing labs, Counselling to students, conducting lab of Electrical Machines, Power Electronics, Circuit Theory, Establishment of labs.	18-07-2005	12-10-2006	15
7.	Raj Kumar Goel Engg. College, Ghaziabad.	Private / Permanent	Assistant Professor (Associate Professor in new scale)	Teaching, Developing labs, Counselling to students, conducting lab of Electrical Machines, Basic	13-07-2004	17-07-2005	12

				Electrical Engineering, Power Electronics, Circuit Theory, Establishment of labs.			
8.	Inderprastha Engg. College, Ghaziabad	Private / Permanent	Sr. Lecturer	Teaching, Developing labs, Counselling to students, Conducting labs, Establishment of labs, Dy.Head Examiner of basic electrical and circuit theory at U. P. Tech. university.	15-10-2000	12-07-2004	45
9.	Shri Ram Deo Baba Kamla Nehru Engineering college, Nagpur.	Private / Permanent	Lecturer	Teaching, Developing labs, Counselling to students.	06-09-1997	15-07-1999	22
10.	Walchand College of Engineering, Vishrambagh, Sangli (Mah.)	Govt. / Adhoc	Lecturer	Teaching, Developing labs, Counselling to students.	01-01-1997	05-09-1997	8

Courses Taught at UG/PG level:

1. **Basic Electrical Engineering**, UG level, Five times. This subject includes the basics of mesh and nodal analysis, application of theorems, viz. Thevenin, Norton, Maximum Power, Tellegen, Compensation, Millman, to dc networks, A.C. fundamentals, basics of D.C. and A.C. machines, etc.
2. **Network theory,** UG level, Five times. This subject includes basics of mesh and nodal analysis, application of theorems, viz. Thevenin, Norton, Maximum Power, Tellegen, Compensation, Millman, to ac networks, Transient and steady state analysis, Laplace Transform, Two port networks, Network synthesis, etc.
3. **Power Electronics**, UG level, three times. This subject includes the general philosophy of power electronic devices, the commutation and firing techniques, application of power electronic device as converter, inverter, chopper, cyclo convertor, and application to different dc and ac drives, etc.
4. **Energy management system**, UG level, two times. This subject involves the methodology of forecast and basics of SCADA system, etc.
5. **Energy management system**, PG level, two times. This subject includes basics of SCADA system, load flow analysis, contingency analysis and application of soft computing techniques to power system, etc.
6. **Restructuring of Power system** , PG level, only once. This subject includes the problems associated with power system viz. reliability of power supply, HVDC and EHVAC systems, power shortage, new methodology adopted by the industry, privatization, etc.

Ph.D. thesis Guided (3)

1. Annu Govind, "Power Quality Assessment of Active Power Filters for Harmonics Reduction in Distribution Systems", in progress since July-2010.

2. Sunil Kumar Choudhary, "Design and implementation of Intelligent Voltage Source Inverter (VSI) for UPS" in progress since July-2009.
3. Seema Arora, "Design and Configuration of Multi Structured BPL (broadband over power line) system, since July 2010.

PhD Thesis evaluated

1. Ms. Rajkumari K, "Certain investigations on Enhancing and Optimizing task scheduling in cloud computing", dated 20-10-17, Ref. 112109320008, Anna University, Chennai.
2. Vinay Barhate, "Adoptive combined Neuro-Fuzzy approach for enhancing of reliability in Transformer Protection", letter PhD (cell)/713, Rashtrasant Tukadoji Maharaj Nagpur University, 21-04-16 at Laxminarayan institute of technology, Nagpur.
3. Jyoti Agarwal, "Sensorless permanent magnet synchronous motor drive: a comparative study", PhD (cell)/1150, 01-06-2018, Rashtrasant Tukadoji Maharaj Nagpur University, 21-04-16 at Laxminarayan institute of technology, Nagpur
4. Mr. Ashok Kumar, Regd. No. 1205028 entitled "PERFORMANCE ANALYSIS AND OPTIMIZATION OF BANDWIDTH IN PASSIVE OPTICAL NETWORKS", Punjab technical University, dated 01-05-2019.

M.Tech Thesis Supervised (4)

1. Nupur Tripathi, Comparison simulation between sequential and parallel processed SCADA system, M.E. major project, JMI, Delhi, 2008.

   The work done in the thesis includes:
   a. Study of sequential and parallel processed system.
   b. Simulation of ferranty effect using MATLAB and simulating the processing time using sequential method and parallel processing using PMATLAB.
   c. Simulation of fault identification algorithm using MATLAB.

2. Mir Zahida, Simulation of broadband over power line system, M.E. major, 2009.

   The work done in the thesis includes:
   a. Study of Broadband over power lines (or BPL) system.
   b. Design of the broadband over power lines system using OFDM modulation technique using MATLAB/SIMULINK environment.

   Two papers published
   V. K. Chandna, Mir Zahida, "Effect of varying topologies on the performance of Broadband over Power Line", **IEEE Transaction on Power Delivery, Vol-25, No. 4, Oct. 2010, pp 2371-2375.**

   V. K. Chandna, Mir Zahida, " Performance of Broadband over Power Line System", presented at 2010 IEEE PES Transmission and Distribution Conference and Exposition, April 19-22, **2010**, in the session PSC02Wd2P, No. 2010TD0401, New Orleans, Louisiana, USA.
3. Shailendra Saxena, Study of Independent System Operator (ISO) in Indian Scenario (Congestion Management), M.E. major, 2009.

   The work done in the thesis includes:
   a. Study of Indian power system scenario.
   b. Study of Generation, Transmission and Distribution restructuring and privatization scenario in India.
   c. Simulation of load flow studies and congestion management for a typical four bus system.
   d. Discussion on the role of Independent System Operator (ISO) in Indian scenario..

4. Uttam Kumar, Implementation of virtual SCADA system using LABVIEW, at Delhi Technical University, Delhi, 2012

Expert lectures Taken

(a) Expert lectures taken in the area of OBE and accreditation at various institutes and universities.
(b) Design and configuration of RTU at short-term course on Distributed Automation at Delhi College of Engineering in year 2003.
(c) Selection of sensors and transducers at short-term course on Distributed Automation at Delhi College of Engineering in year 2003.
(d) Parallel processed SCADA system at NIT Jaipur in the year 2008.
(e) Ergonomics in control centre design at NIT Jaipur in the year 2008.
(f) Application of soft-computing techniques to pre-process data at NIT Jaipur in the year 2008.
(g) Expert lecture at DCE on Intelligent SCADA system during August-2011 through IEEE PES Delhi Chapter.
(h) Expert lecture on Control Centre Design to Power Grid engineers at JMI during Sep-2011 for certificate course in SCADA system.

Laboratory Experience

(i) Setting up teaching and research laboratories

Setting of basic electrical engineering, network theory and power electronics laboratory at UG level at different engineering colleges and also included MATLAB in these laboratories, so that the analysis results may be compared with the experimental results.

(ii) Using different types of instruments, systems, computers etc.

While doing research a SCADA software Freelance-2000 is used and implemented at UG and PG level, different projects to be loaded on AC-200F ABB RISC processor, also implemented transfer of data from field to computer system via Field BUS, RTU, Ethernet. Also used different instruments in the laboratories viz. voltmeters, ammeters, CRO, and other equipments to conduct various laboratory experiments at UG/PG level.

BOOKS PUBLISHED:

1. Network theory and circuit design in the year 2000 by cyber tech publications.
2. Basics of electrical and electronics engineering question bank in the year 2001 by cyber tech publications.
3. Power systems in the year 2003 by cyber tech publications.
4. Basic electrical engineering, Shubham publication-2005.

COURSES ATTENDED:

1. Short-term course on "Teaching skills and personality development" in 1998 at REC Nagpur.
2. Short-term course on "Recent trends in instrumentation" at SLIT, Longowal in 1999.
3. Short-term course on "Automation in electrical power distribution system" at DCE from 20-31, Dec, 2004.

MEMBERSHIP:

a. Life membership of ISTE (LM-24058), Member IEEE (07).
b. Life member CSI.
c. Promoted to Sr. Member, IEEE from 2011 onwards.

b. Biography has been included in Marquis Who's Who in the World Edition 2012.

PROJECTS UNDERTAKEN:

1. PC based automatic testing of three-phase induction motor using 8086 assembly language at B.E.
2. Effects of harmonics due to intermittent load at M.E.

(Dr. V.K.CHANDNA)

Jaipur Engineering College and Research Centre

Shri Ram Ki Nangal, Via Sitapura RIICO, Opp. EPIP Gate,

Tonk Road, Jaipur-302 022

Ph. No.0141-2770232, 2770120

Fax No.0141-2770803

Faculty Student Ratio

Sanctioned Strength	:	990 X 4
	=	3960
As per AICTE	:	1 : 20
Faculty Required	:	198
Actual Faculty	:	199
Calculation	:	$100 * \left(\frac{199}{198}\right)$
		$100 * 1.005$
		100.5

Points 100

QIV

Session 2022-23 (RTU)

Jaipur Engineering College and Research Centre, Jaipur

List of Faculty Members

S. No.	PAN No.	Name	Designation	Departmen	Heighest Qualification	DOJ
1	ADYPC0545P	Vinay Kumar Chandna	Principal	EE	Ph.D	8-Jul-15
2	ANQPK5955P	Shruti Kalra	Professor	ECE	Ph.D	19-Aug-03
3	AGHPP4837F	Umesh Kumar Pareek	Professor	Maths	Ph.D	15-Jul-03
4	ALZPM8190P	Ram Kishan Mangal	Professor	Physics	Ph.D	12-Aug-13
5	AFGPD6201H	Sudhir Kumar Dixit	Professor	Physics	Ph.D	11-Oct-00
6	AIHPJ0122H	Anita Jain	Professor	Library	Ph.D	18-Oct-04
7	BDBPS1973B	Rajesh Kumar Sharma	Professor	Sports	Ph.D	28-Nov-06
8	AOPPS5028F	Mahendra Pratap Singh	Professor	ME	Ph.D	15-Jul-16
9	BOUPS5721K	Santosh Kumar Singh	Professor	IT	Ph.D	2-Jan-17
10	AFXPV5199R	Sandeep Vyas	Professor	EE	Ph.D	19-Jul-17
11	ANYPG8860F	Sanjay Gaur	Professor	CSE	Ph.D	4-Sep-17
12	ASSPS8571J	Ashok Singh Shekhawat	Professor	Maths	Ph.D	10-Aug-18
13	BHAPS1199C	Fauzia Siddiqui	Professor	ME	Ph.D	1-Aug-18
14	ADOPA8110C	Smita Agrawal	Professor	IT	Ph.D	16-Nov-19
15	AONPB5285K	Bhuvnesh Bhardwaj	Associate Professor	ME	Ph.D	14-Jul-15
16	ARUPS7035A	Manish Srivastava	Associate Professor	ME	Ph.D	24-Jul-14
17	AEUPT9930N	Parul Tyagi	Associate Professor	ECE	Ph.D	19-Feb-09
18	AGYPM8906B	Shyam Sunder Manaktala	Associate Professor	ECE	Ph.D	3-Nov-04
19	CYPPS3461Q	Neeraj Kumar Singh	Associate Professor	CSE	Ph.D	14-Mar-22
20	AKHPM3052H	Vinita Mathur	Associate Professor	ECE	Ph.D	23-Sep-05
21	AOPPM9479L	Ruchi Mathur	Associate Professor	Maths	Ph.D	14-Jul-04
22	BFEPP2131M	Sarita Poonia	Associate Professor	Maths	Ph.D	27-Aug-10
23	BPSPS0006J	Sunil Kumar Srivastava	Associate Professor	Maths	Ph.D	5-Jan-16
24	BWPPS1303G	Barkha Srivastava	Associate Professor	Chemistry	Ph.D	9-Sep-06
25	BCEPM3790G	Rekha Mithal	Associate Professor	Chemistry	Ph.D	24-Feb-10
26	AHPPG4947A	Tripati Gupta	Associate Professor	Maths	Ph.D	2-Jan-17
27	BNPPS2864D	Man Mohan Siddh	Associate Professor	ME	Ph.D	2-Jan-17
28	ANAPR4957L	Raj Kumar	Associate Professor	Physics	Ph.D	16-Feb-19
29	BJQPS6740B	Vishal Saxena	Associate Professor	Maths	Ph.D	9-Sep-17
30	ARPPK9267P	Vijeta Kumawat	Associate Professor	CSE	Ph.D	2-Apr-18
31	BDEPB3900J	Prerak Bhardwaj	Associate Professor	EE	Ph.D	12-Aug-18

S. No.	PAN No.	Name	Designation	Departmen	Heighest Qualification	DOJ
32	AWKPP3733F	Kashish Parwani	Associate Professor	Maths	Ph.D	10-Aug-18
33	AYAPP6684K	Rishi Pareek	Associate Professor	ME	Ph.D	6-Aug-18
34	CUGPS6564P	Girraj Sharma	Associate Professor	ECE	Ph.D	13-Dec-19
35	AMVPM2110J	Kamlesh Maharwal	Associate Professor	Library	Ph.D	7-Jul-03
36	AIDPY2449L	Ajay Kumar Singh Yadav	Associate Professor	ECE	Ph.D	25-Mar-21
37	ARCPG5114G	Manoj Gupta	Associate Professor	ME	Ph.D	4-Jan-21
38	AANPJ7357E	Manish Jain	Asst Professor	ME	M.Tech	25-Jul-01
39	BSKPK2741R	Satyendra Kumar	Asst Professor	ME	M.Tech	24-Jul-14
40	BQSPS3044K	Lalit Kumar Sharma	Asst Professor	ME	M.Tech.	2-Aug-07
41	AGVPG7205J	Rajendra Kumar Gupta	Asst Professor	ME	M.Tech	17-Sep-07
42	BKOPS5002H	Kuldeep Sharma	Asst Professor	ME	M.Tech	24-Aug-06
43	AUEPC0203F	Nitin Chhabra	Asst Professor	ME	M. Tech	14-Feb-14
44	AHJPV3272D	Akhil Vijay	Asst Professor	ME	M.Tech	27-Jul-12
45	ARZPR1164L	Dayal Singh Rathore	Asst Professor	ME	M.Tech	27-Jul-12
46	BEDPG1771G	Jitendra Kumar Gupta	Asst Professor	ME	M.Tech	4-Apr-14
47	AZBPP5053C	Dilip Kumar Prajapati	Asst Professor	ME	M.Tech	17-Sep-13
48	ABIPY0989K	Ravi Yadav	Asst Professor	ME	M.Tech	27-Jul-12
49	AXAPC7807L	Hukam Chand	Asst Professor	ME	M.Tech	27-Jul-12
50	BVBPK2936A	Abhishek Kumar	Asst Professor	ME	M.Tech	7-Aug-13
51	BJQPS8962K	Satya Prakash Saini	Asst Professor	ME	M.Tech	20-Jan-16
52	APTPC4654C	Sonali Chadda	Asst Professor	EE	M.Tech	16-Jan-12
53	ADMPL0195Q	L Senthil	Asst Professor	EE	M.Tech	16-Jan-12
54	AGPPT8253R	Gopal Tiwari	Asst Professor	EE	M.Tech	27-Aug-14
55	BQDPS6091P	Ram Singh	Asst Professor	EE	B.Tech	28-Jul-10
56	AKLPV5480G	Jisa Varghese	Asst Professor	EE	M.Tech	15-Feb-11
57	CHJPS7633B	Ritu Soni	Asst Professor	EE	M.Tech	13-Dec-19
58	EDIPS5407N	Vishnu Dutt Sharma	Asst Professor	EE	B.E	12-Jan-12
59	EQBPS5518E	Sunil Kumar Sharma	Asst Professor	EE	M.Tech	26-Apr-12
60	ATUPA4690H	Neha Agarwal	Asst Professor	EE	M.Tech	1-Aug-15
61	ARIPG1623N	Piyush Gautam	Asst Professor	IT	M.Tech	2-Aug-14
62	ADSPY7113K	Kusum Yadav	Asst Professor	IT	M.Tech	6-Feb-10
63	AJUPB1506F	Sunil Bhardwaj	Asst Professor	IT	MCA	8-Oct-07
64	AAPPB6240E	Mukt Bihari	Asst Professor	CSE	ME	20-Dec-06
65	AFYPA2291Q	Mukesh Agarwal	Asst Professor	CSE	M.Tech	21-May-02
66	AXDPD8864D	Abhishek Dixit	Asst Professor	CSE	M.Tech	28-Jul-14

S. No.	PAN No.	Name	Designation	Departmen	Heighest Qualification	DOJ
67	ADYPV1503G	Manju Vyas	Asst Professor	CSE	M.Tech	2-Sep-11
68	BLQPS5891H	Gajendra Kumar Sharma	Asst Professor	CSE	M.Tech	5-Oct-06
69	AKXPM4065A	Amit Mithal	Asst Professor	CSE	M.Tech	3-Nov-04
70	AJUPJ2510R	Rajan Kumar Jha	Asst Professor	CSE	M.Tech	17-Dec-09
71	BKYPS2957M	Anima Sharma	Asst Professor	CSE	M.Tech	19-Feb-09
72	CHZPS0192P	Richa Sharma	Asst Professor	CSE	M.Tech	27-Aug-08
73	DWCPS1470R	Preeti Sharma	Asst Professor	CSE	M.Tech	1-Dec-15
74	BIKPM6678P	Anshul Mittal	Asst Professor	CSE	B.Tech	2-Jul-11
75	AROPA6326J	Abhilasha	Asst Professor	CSE	M.Tech	20-Nov-13
76	BMEPG9736Q	Priya Gupta	Asst Professor	CSE	M.Tech	5-Aug-15
77	ALQPL3272N	Girija Lavania	Asst Professor	CSE	M.Tech	13-Aug-15
78	DIOPS5034K	Sumit Saini	Asst Professor	CE	M.Tech	3-Oct-13
79	BDAPK2004G	Jitesh Kumar Jain	Asst Professor	CE	B.Tech	4-Jan-16
80	BMFPK1793Q	Ashish Kulshreshtha	Asst Professor	ECE	M.Tech	25-Apr-12
81	BHVPS3926E	Ashutosh Sharma	Asst Professor	ECE	M.Tech	24-Jul-14
82	BAXPK5296E	Bhoopesh Kumar Kumaw	Asst Professor	ECE	M.Tech	1-Jul-15
83	AXJPD8149H	Deepmala Kulshrestha	Asst Professor	ECE	B.Tech	15-Jul-15
84	FMXPS2695B	Devendra Sharma	Asst Professor	ECE	M.Tech	25-Apr-12
85	AKEPA0586H	Honey Agarwal	Asst Professor	ECE	M.Tech	3-Jul-11
86	CWXPS7101P	Jitendra Sharma	Asst Professor	ECE	M.Tech	1-May-12
87	AXHPS2584H	Lokesh Kumar Sharma	Asst Professor	ECE	M.Tech	9-Jul-15
88	BKZPM4835M	Mangi Lal Meghwal	Asst Professor	ECE	M.Tech	14-Oct-09
89	ALGPN5796H	Naresh Kumar	Asst Professor	ECE	M.Tech	30-Jul-13
90	ANSPJ5809M	Raj Kumar Jain	Asst Professor	ECE	M.Tech	6-Aug-12
91	AMDPK4998A	Rakesh Kumar Kardam	Asst Professor	ECE	M.Tech	25-Apr-14
92	AEKPV4859C	Ritu Vyas	Asst Professor	ECE	M.Tech	22-May-03
93	CQFPS8859A	Vikas Sharma	Asst Professor	ECE	M.Tech	15-Dec-09
94	BIPPP2666H	Yogita Punjabi	Asst Professor	Maths	M.Tech	20-Jul-11
95	AQJPV4495K	Rekha Vijay	Asst Professor	Chemistry	M. Sc.	27-Jul-12
96	AZXPP0888K	Manoj Pathak	Asst Professor	Physics	M. Sc.	4-Apr-13
97	AVBPA4524D	Ashish Ameria	Asst Professor	CSE	M.Tech	15-Jul-16
98	DOBPS4622L	Aashish Sharma	Asst Professor	ECE	M.Tech	15-Jul-16
99	CPEPS2445Q	Shailendra Srivastava	Asst Professor	EE	M.Tech	15-Jul-16
100	AQNPK6885E	Naveen Kumar Kedia	Asst Professor	IT	M.Tech	15-Jul-16
101	AZWPB3081B	Shrikant Bansal	Asst Professor	ME	M.Tech	15-Jul-16

S. No.	PAN No.	Name	Designation	Departmen	Heighest Qualification	DOJ
102	BXYPS2998K	Deepak Shankhala	Asst Professor	ECE	M.Tech	22-Aug-16
103	AMHPN6656J	Palak Jindal	Asst Professor	ME	M.Tech	4-Jan-17
104	CPSPP3593N	Akhilesh Paliwal	Asst Professor	ME	M.Tech	3-Jan-17
105	AQQPN1017N	Hitesh Nagar	Asst Professor	CE	B.Tech	2-Jan-17
106	CMQPS7636J	Tej Bahadur Singh	Asst Professor	ME	M.Tech	2-Jan-17
107	AUGPB8419E	Ashish Boraida	Asst Professor	CE	M.Tech	2-Jan-17
108	DXSPS0731J	Hetram Sharma	Asst Professor	CE	M.Tech	9-Jan-17
109	BEDPM3733E	Akhil Maheshwari	Asst Professor	CE	M.Tech	2-Jan-17
110	BQQPM4863G	Priyanka Mitra	Asst Professor	CSE	M.Tech	2-Jan-17
111	ATDPA1234E	Deepika Bansal	Asst Professor	IT	M.Tech	2-Jan-17
112	BPTPA1138N	Yogesh Kumar Agarwal	Asst Professor	CE	M.Tech	2-Jan-17
113	APGPB2872J	Hemant Bansal	Asst Professor	ME	M.Tech	2-Jan-17
114	AWRPS4184J	Vishal Sharma	Asst Professor	EE	M.Tech	21-Sep-16
115	AWIPG6475H	Praveen Kumar Goyal	Asst Professor	EE	B.Tech	2-Sep-16
116	BGNPK5526R	Vinod Kumar	Asst Professor	ECE	B.Tech	2-Sep-16
117	AVHPJ3092P	Pradeep Kumar Jain	Asst Professor	CE	B.Tech	16-Jan-17
118	ABHPU5464A	B. Umamaheswari	Asst Professor	CSE	M.Tech	25-Jul-17
119	BAWPS0763H	Shweta Sharda	Asst Professor	ECE	M.Tech	17-Jul-17
120	BRDPS2349B	Yazusha Sharma	Asst Professor	ECE	M.Tech	17-Jul-17
121	DFNPS4835A	Shikha Srivastava	Asst Professor	ECE	M.Tech	22-Jul-17
122	CQFPS6230M	Narendra Sipani	Asst Professor	CE	M.Tech	17-Jul-17
123	CJYPS8747K	Brijesh Kumar Singh	Asst Professor	IT	M.Tech	11-Aug-17
124	DXDPS0084M	Teekam Singh	Asst Professor	CE	M.Tech	16-Aug-17
125	AMLPJ3549E	Kanishk Jain	Asst Professor	CSE	M.Tech	1-Sep-17
126	CBEPS2552L	Jay Shankar Sharma	Asst Professor	CSE	M.Tech	21-Sep-17
127	AVGPD6643R	Yogesh Dubey	Asst Professor	ME	M.Tech	8-Feb-17
128	BTCPR2037J	Ritambhara	Asst Professor	ECE	M.Tech	2-Aug-17
129	AAHPC5325R	Utpal Chakravarty	Asst Professor	ME	ME	15-Feb-17
130	DMRPK5017F	Shivangani Khandelwal	Asst Professor	CE	M.Tech	13-Aug-18
131	AORPY4996C	Nupur Yadav	Asst Professor	EE	M.Tech	12-Aug-18
132	ALUPJ5977C	Abhishek Jain	Asst Professor	CSE	M.Tech	19-Aug-19
133	CUWPS3997N	Pradeep Kumar Sharma	Asst Professor	CSE	M.Tech	1-Oct-19
134	BMUPB9566R	Suniti Chouhan	Asst Professor	CSE	M.Tech	4-Sep-19
135	EJXPS5335A	Tanya Shruti	Asst Professor	CSE	M.Tech	8-Aug-19
136	AVBPA4524D	Ashish Ameria	Asst Professor	CSE	M.Tech	15-Jul-16

S. No.	PAN No.	Name	Designation	Departmen	Heighest Qualification	DOJ
137	BEUPS5177P	Neha Solanki	Asst Professor	CSE	M.Tech	3-Jan-20
138	BMFPG7709G	Garima Garg	Asst Professor	CSE	M.Tech	16-Sep-19
139	HBOPS5223K	Sweety Jain	Asst Professor	CSE	M. Tech	5-Sep-19
140	GHAPK6917B	Sonia Khubchandani	Asst Professor	E&H	MA	19-Aug-19
141	FFHPS5593M	Saroj Parihar	Asst Professor	E&H	MA	4-Sep-19
142	CLMPK7282F	Rashmi Kaushik	Asst Professor	E&H	MA	9-Sep-19
143	GFUPS2762Q	Sudhir Panwar	Asst Professor	CE	M.Tech	12-Dec-19
144	AYSPN9016F	Nishi Agarwal	Asst Professor	ECE	M.Tech	13-Dec-19
145	AWCPM2988B	Jai Prakash Mishra	Asst Professor	ECE	M.Tech	13-Dec-19
146	BHMPM5509E	Mamta Rani	Asst Professor	ECE	M.Tech	18-Dec-19
147	AXHPR2031G	Anju Rajput	Asst Professor	ECE	M.Tech	11-Jan-20
148	BLGPD6639E	Tripti Dua	Asst Professor	ECE	M. Tech	11-Jan-20
149	AZWPB9460C	Buddhi Prakash Sharma	Asst Professor	CSE	MCA	11-Feb-20
150	BZGPG0170F	Ghanshyam	Asst Professor	CE	B. Tech.	16-Nov-20
151	AOQPS5689R	Yogendra Kumar Sharma	Asst Professor	CE	B.Tech	30-Mar-21
152	AJUPB1507E	Abhay Bhatt	Asst Professor	CSE	MCA	5-Jan-17
153	AYEPC8396D	Mukesh Chandel	Asst Professor	CSE	MCA	11-Feb-20
154	EDDPK6437B	Chitra Khandelwal	Asst Professor	CSE	M. Sc.	26-Oct-15
155	ANXPS5372H	Rajendra Singh Sirowa	Asst Professor	ECE	MCA	16-Nov-20
156	AWMPV9905F	Hemant Vashistha	Asst Professor	ECE	MCA	16-Nov-20
157	GIYPS3073M	Syed Mohammad Sana	Asst Professor	ECE	MBA	30-Mar-21
158	EBWPS2540L	Suresh Kumar Gurjar	Asst Professor	EE	B.Tech	11-Feb-20
159	EYSPS1461K	Pranshu Sharma	Asst Professor	E&H	MBA	10-Aug-20
160	FOLPS2692L	Priyanka Shukla	Asst Professor	E&H	MBA	25-Nov-20
161	AIQPR7416P	Ramesh Singh Rawat	Asst Professor	E&H	MBA	25-Nov-20
162	CTQPS6068D	Tarun Saraswat	Asst Professor	E&H	MBA	15-Feb-21
163	CWCPK8649H	Sunil Kandpal	Asst Professor	CSE	MCA	8-Apr-21
164	HTDPS0784N	Bhawana Saini	Asst Professor	Physics	M.Sc.	8-Mar-20
165	FPZPS7761P	Arun Sahu	Asst Professor	Maths	M.Sc.	8-Mar-20
166	APUPB2240Q	Noopur Bhargava	Asst Professor	E & H	MBA	19-Aug-20
167	CUBPG6564Q	Preeti Garg	Asst Professor	E & H	MBA	19-Aug-20
168	AZHPN4017E	Kamakshi Naga	Asst Professor	E & H	MBA	20-Aug-20
169	FNIPS7929J	Pankaj Kumar Sharma	Asst Professor	CSE	MCA	4-Aug-21
170	AIJPC0618B	Rohit Chhabra	Asst Professor	AI & DS	M.Tech	12-Sep-20
171	AOWPS0043R	Neeraj Prakash Shrivastav	Asst Professor	AI & DS	M.Tech	12-Jul-20

S. No.	PAN No.	Name	Designation	Departmen	Heighest Qualification	DOJ
172	ASSPP9634K	Rahul Singh Panwar	Asst Professor	AI & DS	M.Tech	7-Apr-21
173	EVHPS1407M	Krishan Kumar Saini	Asst Professor	CE	Ph. D.	12-Sep-20
174	AVLPJ7558E	Indrajeet Panchariya	Asst Professor	CE	M.Tech	4-May-21
175	AQMPA8644C	Abhinav Aggarwal	Asst Professor	CE	M.Tech.	12-Sep-20
176	GDAPS1683A	Swarnima	Asst Professor	CE	M.Tech	12-Oct-20
177	BPEPP5364J	Punita Panwar	Asst Professor	CSE	M.Tech	12-Sep-20
178	FNEPS5965N	Pratibha Sharma	Asst Professor	CSE	M.Tech	10-Dec-20
179	AVRPV3122A	Sheetal Vijayvargiya	Asst Professor	CSE	M.Tech	27-Mar-21
180	AKMPG1385J	Seema Bansal	Asst Professor	Physics	Ph.D	25-Mar-21
181	BEPPC8963J	Sameeksha Chaudhary	Asst Professor	ECE	M.Tech	24-Mar-21
182	DOSPB3625H	Bhawana Kalra	Asst Professor	ECE	M.Tech	25-Mar-21
183	AQLPJ4002A	Sudarshan Kumar Jain	Asst Professor	ECE	M.Tech	25-Mar-21
184	BOGPB6883K	Vipra Bohara	Asst Professor	ECE	M.Tech	29-Mar-21
185	CMHPK3380E	Mohammad Rizwan Khar	Asst Professor	IT	M.Tech	8-Dec-20
186	AZLPJ3940L	Priya Jyotiyana	Asst Professor	CSE	M.Tech	15-Dec-20
187	AUJPP4760F	Avani Pareek	Asst Professor	Chemistry	Ph.D.	4-Aug-21
188	AWJPC8993K	Neelkamal Chaudhary	Asst Professor	AI & DS	M.Tech	21-Oct-21
189	AIWPJ1553F	Astha Joshi	Asst Professor	AI & DS	M.Tech	27-Sep-21
190	BAJPA9209B	Somya Agrawal	Asst Professor	CSE	M.Tech	11-Nov-21
191	GAXPS0339K	Kartik Saini	Asst Professor	E&H	MBA	8-Apr-21
192	BWTPG1023R	Sneha Garg	Asst Professor	CSE	M.Tech	27-Jan-22
193	BQJPB2353P	Kanika Bhutani	Asst Professor	CSE	M.Tech	15-Feb-22
194	BZFPG1097J	Ajay Gupta	Asst Professor	ME	B.Tech	20-Sep-21
195	GLAPS6970N	Sachin Sharma	Asst Professor	CSE	B.Tech	5-Aug-21
196	ANUPJ6558P	Neha Jain	Asst Professor	IT	M.Tech	9-Mar-22
197	BGYPC0442F	Madhu Choudhary	Asst Professor	CSE	M.Tech	21-Mar-22
198	DFNPS3267A	Sunil Sharma	Asst Professor	CSE	M.Tech	25-Apr-22
199	BRXPA1543D	Shruti Arya	Asst Professor	AI & DS	M.Tech	2-May-22

Jaipur Engineering College and Research Centre
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Tonk Road, Jaipur-302 022
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Fax No.0141-2770803

Professor

Professor required as per AICTE

Professor Required : $\frac{198}{9}$

: 22

Available : 14

Calculation : $30 * \left(\frac{14}{22}\right)$

= 19.09

= 19

Points 19

QIV

Session 2022-23 (RTU)

Jaipur Engineering College and Research Centre, Jaipur

List of Professor

S. No	PAN	Faculty Name	Gender	Designation	Dept.	Date of Joining	Highest Degree
1	ADYPC0545P	Vinay Kumar Chandna	Male	Principal	EE	8-Jul-15	Ph.D
2	ANQPK5955P	Shruti Kalra	Female	Professor	ECE	19-Aug-03	Ph.D
3	AGHPP4837F	Umesh Kumar Pareek	Male	Professor	Maths	15-Jul-03	Ph.D
4	ALZPM8190P	Ram Kishan Mangal	Male	Professor	Physics	12-Aug-13	Ph.D
5	AFGPD6201H	Sudhir Kumar Dixit	Male	Professor	Physics	11-Oct-00	Ph.D
6	AIHPJ0122H	Anita Jain	Female	Professor	Library	18-Oct-04	Ph.D
7	BDBPS1973B	Rajesh Kumar Sharma	Male	Professor	Sports	28-Nov-06	Ph.D
8	AOPPS5028F	Mahendra Pratap Singh	Male	Professor	ME	15-Jul-16	Ph.D
9	BOUPS5721K	Santosh Kumar Singh	Male	Professor	IT	2-Jan-17	Ph.D
10	AFXPV5199R	Sandeep Vyas	Male	Professor	EE	19-Jul-17	Ph.D
11	ANYPG8860F	Sanjay Gaur	Male	Professor	CSE	4-Sep-17	Ph.D
12	ASSPS8571J	Ashok Singh Shekhawat	Male	Professor	Maths	10-Aug-18	Ph.D
13	BHAPS1199C	Fauzia Siddiqui	Female	Professor	ME	1-Aug-18	Ph.D
14	ADOPA8110C	Smita Agrawal	Female	Professor	IT	16-Nov-19	Ph.D

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Associate Professor

Associate Professor required as per AICTE

Associate Professor Required : $\frac{198}{9} * 2$

$= 44$

Available : 23

Calculation : $20 * \left(\frac{23}{44}\right)$

$= 10.45$

Points 11

QIV

Session 2022-23 (RTU)

Jaipur Engineering College and Research Centre, Jaipur

Associate Profeossor List

S. No	PAN	Faculty Name	Gender	Designation	Dept.	Date of Joining	Highest Degree
1	AONPB5285K	Dr. Bhuvnesh Bhardwaj	Male	Associate Professor	ME	14-Jul-15	Ph.D
2	ARUPS7035A	Dr. Manish Srivastava	Male	Associate Professor	ME	24-Jul-14	Ph.D
3	AEUPT9930N	Dr. Parul Tyagi	Female	Associate Professor	ECE	19-Feb-09	Ph.D
4	AGYPM8906B	Dr. Shyam Sunder Manaktala	Male	Associate Professor	ECE	3-Nov-04	Ph.D
5	CYPPS3461Q	Dr. Neeraj Kumar Singh	Male	Associate Professor	CSE	14-Mar-22	Ph.D
6	AKHPM3052H	Dr. Vinita Mathur	Female	Associate Professor	ECE	23-Sep-05	Ph.D
7	AOPPM9479L	Dr. Ruchi Mathur	Female	Associate Professor	Maths	14-Jul-04	Ph.D
8	BFEPP2131M	Dr. Sarita Poonia	Female	Associate Professor	Maths	27-Aug-10	Ph.D
9	BPSPS0006J	Dr. Sunil Kumar Srivastava	Male	Associate Professor	Maths	5-Jan-16	Ph.D
10	BWPPS1303G	Dr. Barkha Srivastava	Female	Associate Professor	Chemistry	9-Sep-06	Ph.D
11	BCEPM3790G	Dr. Rekha Mithal	Female	Associate Professor	Chemistry	24-Feb-10	Ph.D
12	AHPPG4947A	Dr. Tripati Gupta	Female	Associate Professor	Maths	2-Jan-17	Ph.D
13	BNPPS2864D	Dr. Man Mohan Siddh	Male	Associate Professor	ME	2-Jan-17	Ph.D
14	ANAPR4957L	Dr. Raj Kumar	Male	Associate Professor	Physics	16-Feb-19	Ph.D
15	BJQPS6740B	Dr. Vishal Saxena	Male	Associate Professor	Maths	9-Sep-17	Ph.D
16	ARPPK9267P	Dr. Vijeta Kumawat	Female	Associate Professor	CSE	2-Apr-18	Ph.D
17	BDEPB3900J	Dr. Prerak Bhardwaj	Male	Associate Professor	EE	12-Aug-18	Ph.D
18	AWKPP3733F	Dr. Kashish Parwani	Female	Associate Professor	Maths	10-Aug-18	Ph.D
19	AYAPP6684K	Dr. Rishi Pareek	Male	Associate Professor	ME	6-Aug-18	Ph.D
20	CUGPS6564P	Dr. Girraj Sharma	Male	Associate Professor	ECE	13-Dec-19	Ph.D
21	AMVPM2110J	Dr. Kamlesh Maharwal	Female	Associate Professor	Library	7-Jul-03	Ph.D
22	AIDPY2449L	Dr. Ajay Kumar Singh Yadav	Male	Associate Professor	ECE	25-Mar-21	Ph.D
23	ARCPG5114G	Dr. Manoj Gupta	Male	Associate Professor	ME	4-Jan-21	Ph.D

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Endowment Fund

Endowment Fund Deposited - Yes

Points 20

QIV

Session 2022-23 (RTU)

HDFC BANK
We understand your world

DEPOSIT CONFIRMATION/RENEWAL ADVICE

Type of Deposit	**Resident**
Deposit Account Number	**50300100292553**
Name and Holding pattern	JAIPUR ENG COLLEGE AND RESEARCH CENTRE(Sole Owner)
Currency	INDIAN RUPEES
Mode of Operation	ANYONE

Current* Principal Amount	Deposit Start Date	Period of Deposit	Rate of Interest(%p.a.)	Deposit Maturity Date	Current* Maturity Amount
724003.00	06 jul 2020	60 months 0 days	5.50	06 Jul 2025	951319.00

Maturity Instructions : **Renew Principal + Interest**
Lien Amount : 500000.00
Nomination : Not Registered

Thank you for banking with us.
This is a system generated Advice, hence does not require any Signature.

IMPORTANT - "As per section 206AAintroduced by finance (No.2) Act, 2009 wef01.4.2010, every person who receives income on which TDS is deductible shall furnish his PAN, failing which TDS shall be deducted at the rate of 20% (as against 10%which is existing TDS rate)in case of domestic deposits and 30.09% in case of NRO deposits". Please further note that in the absence of PAN as per CBDT circular no: 03/11, TDS certificate will not be issued . Form 15G/H and other exemption certificates will be invalid even if submitted and Penal TDS will be applicable.

Terms & Conditions (T&C)

Bank computes interest based on the actual number of days' in a year. In case, the deposit is spread over a leap or a non-leap year, the interest is calculated based on the number of days .i.e. 366 days in a leap year & 365 days in a non-leap year.

Tax Deduction at Source (TDS)

- TDS rate is applicable from time to time as per the IT Act, 1961 and IT rules.The current rates applicable for TDS would be displayed on Bank's website.Today, TDS is recovered when interest payable or reinvested on FD & RD per customer, across all Branch, exceeds Rs 40,000/- (Rs. 50,000/- for senior citizen) in a Financial Year. Further, TDS is recovered at the end of the financial year on Interest accruals if applicable.
- If interest amount is insufficient to recover TDS, the same may get recovered from the principal amount of Fixed Deposit.If customer wishes to have TDS recovered from CASA, same can be availed by filling separate declaration at branch.
- For renewed deposits, the new deposit amount consists of the original deposit amount plus Interest Less TDS, if any, less compounding effect on TDS. For reinvestment deposit, the interest reinvested is post TDS recovery and "hence the maturity amount for reinvestment deposits would vary to the extent of tax and compounding effect on tax for the period subsequent of deduction till maturity.
- As Per Section 139A(5A) of IT Act, every person receiving any sum of income or amount from which tax has been deducted under the provisions of IT Act shall provide his PAN to the person responsible for deducting such tax. In case PAN is not provided as required, the bank shall not be liable for the non availment of the credit of Tax deducted at Source and non-issuance of TDS certificate.
- If your PAN is not updated with the Bank or is incorrect; please visit your nearest branch to submit your PAN details.
- No deductions of Tax shall be made from the taxable interest in the case of an individual resident in India, if such individual furnishes to the Bank, a declaration in writing in the prescribed Format (Form 15G / Form 15H as applicable) to the effect that the tax on his estimated total income for the year in which such interest income is to be included in computing his total income will be Nil. This is subject to PAN availability on Bank records.
- If aggregated value of all outstanding FDs/RDs booked in same customer id during the Financial Year exceeds INR 5Lakhs limit (*) then PAN/Form 60 is mandatory.

In absence of PAN/Form 60: (a) FD/RD will not be renewed on maturity and maturity proceeds will be credited to your linked account or a Demand Draft will be sent to your mailing address as updated in Bank's records. (b) Maturity instructions to convert RD proceeds to FD will not be acted upon and RD proceeds will be credited to your linked account on maturity.

The maximum interest not charged to tax during the financial year where form 15 G/H is submitted is as below:

- Upto 2, 50,000/- for residents of India below the age of 60 years or a person (not being a company or firm).
- Upto 5,00,000/- for senior citizen residents of India between the age of 60-79 years at any time during the FY
- Upto 5,00,000/- for senior citizen residents of India who are 80 years or more at any time during the FY.
- Form 15G/ H to be submitted by customer in triplicate to the bank, for submitting one copy to IT Department, one copy for Bank record and third copy to be returned to customer with Branch seal as an acknowledgment. A fresh Form 15G /H needs to be submitted at the start of every new Financial Year. In case form 15G/H is submitted post interest payout/credit, waiver shall be effective from the day next to the interest payout /credit immediately preceding the date of submission of form 15G/H.
- Form 15G/H needs to be submitted for every fixed Deposits booked with bank for Tax exemption.
- The bank shall not be liable for any consequences arising due to delay or non-submission of Form 15G/H
- To enable us to serve you better kindly submit the Form 15G/H latest by April 1st of the new financial year

Note: The above guidelines are subject to change as per Income Tax regulations /directives of Finance Ministry Govt of India prevalent from time to time.

Automatic Renewal We will be happy to renew your deposit, unless we hear from you to the contrary, for the same period as the original deposit, at the prevailing rate of interest. You can change the deposit instruction within 7 days.

Premature Encashment

- In the event of death of one of the joint account holders, the right to the deposit proceeds does not automatically devolve on the surviving joint deposit account holder, unless there is a survivorship clause.
- **In case of joint fixed deposits with a survivorship clause, the Bank shall be discharged by paying the Fixed Deposit proceeds prematurely to survivor/s, on request, in the event of one or more Joint Depositor.**
- In the case of premature encashment, all signatories to the deposit must sign the encashment instruction
- All premature encashment will be governed by rules of Reserve Bank of India Prevalent at the time of encashment
- In case of mandate submission any of the holders can sign where mode of operation is either or survivor / former or survivor.
- As per IT laws, if aggregate amount of the deposit/(s) held by a person with a branch either in his own name or jointly with any person on the date of repayment together with the interest at payable is equal to or exceeds 20,000/- then the amount will be paid by bank draft drawn in the name of the deposit holder or by crediting the savings / current account of the deposit holder.
- Partial Premature withdrawal and sweep-in facility is not allowed for fixed deposits with amount>=5 cr to <25 cr.
- On sweep in/partial withdrawal of FD>= 25cr, if the amount of deposit falls below 5cr, the entire FD will be withdrawn
- The interest rate applicable for premature closure of deposits (all amounts) will be lower of: The rate of Original /contracted tenure for which the deposit has been booked OR base rate applicable for the tenure for which deposit has been in force with the Bank.
- For deposits <5cr the base rate applicable will be of <2Cr as on date of booking. For 5Cr and &above deposits, the base rate is the rate applicable for 5Cr deposits.
- As per the bank's T&C, penalty on premature closure of deposit/(s) including sweep-in and partial closures has been fixed at the rate of 1%. However premature penalty will not be applicable for FDs booked for a tenor of 714 days and also for deposits >= 25 cr (single fixed deposit booked post sept 2017). There will be "No" penalty on premature withdrawal of all new FD's booked under the new rate slabs i.e. >=5.25 Cr to <5.50 Cr and >=24.75 Cr to <25 Cr w.e.f August 29, 2018.
- In case of death of primary holder of the deposit prior to maturity date, premature termination of the deposit would be allowed as per the terms of contract subject to necessary verifications and submission of proof of death of the depositor. Such premature withdrawals will not attract any penal charge.

Insurance Cover for Deposits All Bank deposits are covered under the insurance scheme offered by Deposit Insurance and Credit Guarantee Corporation of India (DICGC) subject to a maximum limit of Rs. 1lac per customer (conditions apply).

Non Withdrawable Fixed Deposits (Applicable for Resident and non resident)

- The Deposits cannot be closed by the depositor before expiry of the tenure. However, the Bank may allow premature withdrawal
- In the event of premature withdrawal of these deposits under above mentioned exceptional circumstances, the Bank will not pay any interest on the principal amount of the deposit. Any interest credited or paid upto the date of such premature closure will be recovered from the deposit.
- Sweep-in facility is not allowed.
- The minimum tenor for resident deposits is 91 days and 1 Year for NRE deposits.
- The deposit will be booked with maturity instruction as 'Do Not Renew'.
- The Non Withdrawable Deposit is offered for amount 5 crore and above only.
- Only first party FD OD is provided with 90% limit. Third party FD OD is not allowed.

Important Points

- Senior Citizens (60 years and above) who are Resident Indians are eligible for senior citizen rates for deposits upto 5cr
- Benefit of additional interest rate on deposits on account of being bank's own staff or senior citizens shall not be applicable to NRE and NRO Deposits.
- Please quote the Deposit Account Number in all Communication
- Please record change of maturity instructions with us well in advance to enable us serve you better. Any changes made online in respect to change in maturity instruction / tenure, details can be viewed online post the changes.
- Please Ignore this advice If you have redeemed or renewed this deposit on or after the maturity date as mentioned herein. In case of
- Renewals you will receive a new Fixed Deposit Confirmation / renewal advice.
- Rate applicable on monthly interest option will be discounted rate over the standard FD Rate.
- In case of more than one deposit linked for Sweep-In, the system will first Sweep-In funds from the last or recently opened deposit,i.e. on LIFO(Last-In-First-Out) basis.
- In case your fixed deposit is booked without nomination details, please visit the Branch to update the same.
- In case of NRO / Resident FD, no interest will be paid if the deposit is prematurely withdrawn before completion of 7 days.
- In case of NRE FD interest will not be paid if the deposit is prematurely withdrawn before completion of 1 year.
- Form 15G/H is not applicable to NRIs
- TDS is not applicable for Interest earned on NRE deposits
- No penalty shall be levied for premature withdrawal of NRE term deposits.
- Fixed Deposits booked with monthly or quarterly interest payout option, TDS recovery will by default happen from linked current / savings account. Please visit nearest branch / contact RM for further clarification.
- When you open a Fixed deposit with the Bank Interest on Term Deposit is calculated as below:
  - o On a Quarterly basis for deposits > 6 months. Simple interest is paid at maturity for deposits <= 6 months.
  - o Cumulative Interest/ re-investment interest is calculated every quarter, and is added to the principal such that Interest is paid on the Interest earned in the previous quarter as well.
  - o In case of monthly deposit scheme, the interest shall be calculated for the quarter and paid monthly at discounted rate over the Standard FD Rate.

If FD is not booked / renewed as per applicable T &, Bank reserves the right to rebook the same with correct details.

Maturity Instructions:

_____
Signature(s)

For Office Use only:
Liquidation Instructions
Liquidation : On Maturity / Premature withdrawal
Credit Account No. : _____
Issue Pay order favouring : _____
Date of Liquidation : _____

Jaipur Engineering College and Research Centre
Shri Ram Ki Nangal, Via Sitapura RIICO, Opp. EPIP Gate,
Tonk Road, Jaipur-302 022
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Technical Magazine

Technical Magazine Required	:	02
Available	:	06
Calculation	:	6X10
	=	60
Max. Marks	=	20

Points 20

QIV

Session 2022-23 (RTU)

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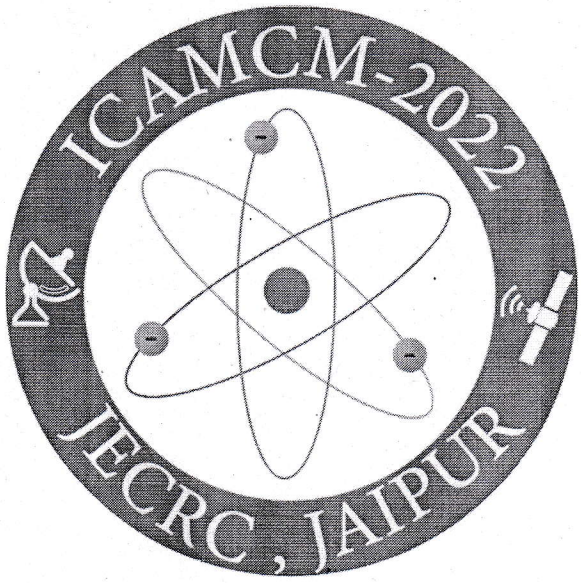
THE INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS
IETE
सह वीर्यं करवावहै
INDIA

2nd International Conference on Advances in Material Science, Communication and Microelectronics (ICAMCM- 2022)



(June 17-18, 2022)

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THE INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS IETE INDIA

About the Conference: The 2nd International Conference on Advances in Materials Science, Communication and Microelectronics (ICAMCM-2022) is to be organized with the perception to address the various issues of the society in the fields of material science, communication engineering and electronic technology. In this conference, it will be expected that researchers will bring new prospects for collaboration across intra and inter disciplines to facilitated novel concepts. This premier conference will be organized by the Department of Electronics & Communication Engineering during 17-18 June 2022 at Jaipur Engineering College and Research Centre, Jaipur. The conference is extended over different areas of engineering & technology, mainly focusing on the field as mentioned above. The idea of organizing the conference is to bring together the researchers, scientists, engineers, academicians, and industrialists in areas of Engineering and Technology, on a common international forum for the dissemination of original research, new ideas, outcomes, and challenges. It will provide an opportunity for the global participants to share their ideas and experience in person with their peers expected to join from different parts of the world. In addition, this gathering will help the delegates to establish research or business relations as well as to find international linkage for future collaborations in their career path. The conference would offer a large number of invited lectures from renowned speakers from all over the world. The theme of this conference will motivate the researchers to adopt the outcome for implementation. This Conference is technically sponsored by the Optica Student Chapter-JECRC and IETE Rajasthan Centre.

About Institute: A journey of Two decades for JECRC, having more than 4000 students on campus under 6 UG programs, has earned laurels to their students, faculty members and the institute in many ways. More than 10000 alumni's spread over the globe has climbed the ladder to leadership positions and providing mentorship to their juniors by way of skill development, incubation, startup, research, and angel funding. Faith by government agencies for providing a grant of more than 2 crores for setting up a centre of excellence, state of art facilities for startup& incubation, and providing a platform to the students to develop their technical and managerial skills that are helping students to get placement in a reputed organization. Contribution towards International publications, technical activities, co-curricular activities by faculty members, students, and delivery of outcome-based education is recognized by the National Board of Accreditation and AICTE. Socially rich atmosphere at the campus enabling fourfold grooming of students that is recognized at National and International level and enabling students to work as interns with personalities recognized in their field of expertise. JECRC has become synonymous to placements and JECRCians have made their presence felt at every reputed company/government organization.

About ECE department: The Electronics and Communication Engineering (ECE) Department has a rich tradition in research and teaching. The ECE department is NBA accredited. The research interests of the faculty members of the department encompass the wide area of applied and fundamental aspects of Electronics and Communication Engineering. Collaboration between the research groups of the department and with other departments is also a practice. The broad areas of research and academic activities in the department are:

- Communication Systems
- Microelectronics and VLSI
- RF and Microwave Engineering

Proposed Tracks:

1. Material Science, VLSI, MEMS and nanotechnology

- Ceramics, Glasses & Composite Materials
- Mining and Metallurgy
- Bio Materials and Medical Devices
- Advanced Nanomaterials
- Emerging Areas of Materials Science
- Surfaces, Coatings and Films
- Carbon Nanostructures and Graphene
- Electrical, Optical, and Magnetic Materials
- Physics and Chemistry of Materials
- Nanoengineering and its Applications
- Polymers Science & Nano Engineering
- Biosensor and Bio-electronic Materials
- NanoBiotechnology
- Optoelectronic Materials
- Computational Modeling of Metals & Materials
- Nano-electronics and Nano-electronic Devices

2.Communication Engineering

- Material Selection for Antennas
- Metamaterial antennas
- Customising and optimising antennas with materials science
- Next-generation antenna design
- Gain enhancement for MIMO antenna
- Materials for RF/Microwave Circuits
- Printable Materials for RF Component
- Materials for reconfigurable intelligent surface
- Photonic Materials, Devices and Systems

3.Microelectronics

- Physics of Semiconductor Devices
- Compound Semiconductors
- Optoelectronics
- Sensors and Bioelectronics
- Device Modelling and Simulation
- Crystal Growth and Epitaxy
- Photovoltaics
- Flexible and Organic Devices

- 2D Materials and Molecular Electronics
- Semiconductor Devices
- III-Nitrides: Materials and Devices
- Emerging Materials and Devices
- Semiconductor Materials and Devices
- VLSI and ULSI Devices
- Solar cells

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4th National Conference
On

National conference on Information Technology and Security Application

(NCITSA-2022)

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Invitation Mail

Invitation for Inauguration ceremony of National Conference on Information Technology and Security Applications (NCITSA-2022)

Dear all,

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JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

NCFTME 2022

National Conference On Futuristic Trends In Mechanical Engineering

Department of Mechanical Engineering
JAIPUR ENGINEERING COLLEGE &RESEARCHCENTRE
(Approved by AICTE & Affiliated to RTU, Kota)
Website: www.jecrc.in
Shri Ram Ki Nangal, Via Sitapura
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6th National Conference

On

Futuristic Trends in Mechanical Engineering

(NCFTME-2022)

[May 25-26, 2022]

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4th National Conference

ON RECENT ADVANCES IN COMMUNICATION, OPTICS AND NANOSCIENCE- 2022

RACON - 2022

7th - 8th June 2022

SOUVENIR

ORGANISED BY

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

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Proceedings of
4th International Conference on Recent Innovations & Technological Development in Mechanical Engineering (ICRITDME-2021)
11-12, March 2021

ICRITDME-2021

Conference Proceedings

4th International Conference on
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11- 12, March 2021

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Shri O.P. Agrawal
Chairman JECRC

I am happy to note that the Department of Mechanical Engineering of JECRC, Jaipur is organizing 4thInternational Conference on "Recent Innovations & Technological Development in Mechanical Engineering" ICRITDME - 2021. . The conference would be another milestone in the academic trajectory of JECRC.

Our future and sustained growth depends on the innovations of scientists and engineers. The contributions and innovative ideas to be presented in the conference will certainly benefit the participants.

Jaipur is known for its rich cultural heritage which I am sure will be an ideal venue for such an intellectual interaction.

I wish to extend my good wishes for the success of the conference.

O.P. Agrawal

JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

Shri Amit Agrawal
Vice Chairperson, JECRC

It gives me great pleasure to welcome you all to the International Conference being organized by the Department of Mechanical Engineering of JECRC, Jaipur. The vision of JECRC is to foster research and technological innovations which lays the foundation of Industrial growth of the country in a globally competitive environment.

We reaffirm our commitment of providing well informed professionals ready to assume their responsibilities in society. Such interactions expedite technological innovations. The drastic changes in engineering sciences have accelerated the need for skilled human resource development in all fields especially technology.

I sincerely thank the keynote speakers, the participants and the core team members who have worked hard to make this event a success.

Amit Agrawal

JAIPUR ENGINEERING COLLEGE
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Shri Arpit Agrawal
Vice Chairperson, JECRC

Welcome to all the participants of ICRITDME - 2021. The overwhelming response to the conference received from participants of various institutions of higher learning across the different parts of the country motivates us to improve ourselves.

We are currently in the era of engineering revolution, spearheaded by recent developments in engineering sciences, providing sustainable solutions to various issues in different areas. The deliberations in different tracks of the conference will highlight the current developments in the field of Mechanical Engineering that shall create awareness about the dynamics of the Engineering Sciences.

I extend my best wishes for the success of the conference and I am confident that the interaction will be a source of inspiration to upcoming educationists, technocrats, academia who shoulder the responsibility of bringing in the desired innovations in their fields leading to the advancement of the country.

Arpit Agrawal

Prof. V.K. Chandna
Principal JECRC

It is gratifying to note that the Department of Mechanical Engineering of JECRC is hosting the 4thInternational Conference on Recent Innovations & Technological Development in Mechanical EngineeringICRITDME-2021.

Nowadays, organizing such technical conference provides a platform where the researchers can expose their ideas of their research concern. They may also be able to listen and get aware of the recent trends in research and education in a particular field of their interest in the education of invited lectures from different subject experts.

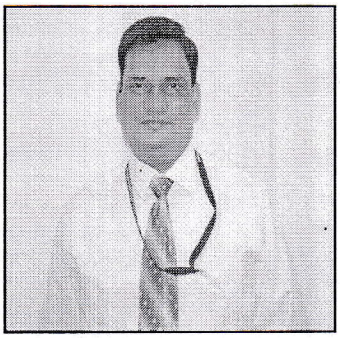
I convey my best wishes to Dr. M. P. Singh and Dr. Fauzia Siddiqui, conveners of this conference 'ICRITDME-2021' for putting paramount efforts for the success of the conference.

I am confident that the conference shall benefit all the participants in finding the solutions of their research problems through discussion.

I also convey my best wishes & greetings to all the participating delegates and wish the conference a great success.

Prof. V.K. Chandna

JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE



Dr. M. P. Singh
Head Mechanical Engineering

It is indeed a great pleasure to write a few words on the occasion of this International Conference.This Conference aims to bring together leading academicians, researchers and industry personals on a common platform to exchange and share their experience and research findings in the area of renewable energy.

The theme of the Conference addresses the critical issue of power shortage in India. Though India has made significant progress in renewable energy in the last decade, the share of modern renewable in the energy mix is marginal. This conference will definitely provide the platform to review the status and potential of different renewable in India.

I express my thanks to the Management for their consistent and unending support. I also extend my gratitude to Prof. V.K. Chandna, Principal, Jaipur Engineering College & research centre for his endless mentoring and untiring efforts to motivate to organize the Conference at such a large level.

I am also grateful to invited speakers, sponsors, members of the advisory and organizing committees, all my colleagues in the Mechanical Engineering Department, student volunteers and media persons and all others who have contributed to the successful organization of the Conference.

Dr. M. P. Singh

PREFACE

For a society to develop, it is necessary to have a vision, the ability to see what lies ahead, as well as the knowledge of various impediments in the present and of the means to arrive at a better future. The world around us is dramatically changing. It is becoming more and more interconnected through technology. Changing global conditions demand that we rethink the strategies of growth, and research is a tool to understand reality in order to make it a better living experience. Every walk of life is enriched due to research. It was scientific innovation that brought about the invention of a steam engine at a primitive level, thereby, making life easy at a click in the digital world. Research in its manifold pattern lays its foundation in diverse fields of Mechanical.

This conference will provide a unique opportunity of presenting and discussing recent advancement in renewable energy and sustainable development and make the bridge between academia and industries. The conference consists of scientific session, symposia on specific topics and paper presentation. A Group of experts will have chance to share information and get in touch with other groups. A special attention is also given to Green Manufacturing, Renewable Energy Sources for Sustainable Development, Green & Smart Construction and Future Fuels. Nowadays these aspects are becoming more and more important both in respects of human life and environment.

We gratefully acknowledge the encouragement and support of the Management showing their faith in us to convene this conference. We are also thankful to Prof. V.K. Chandna, Principal for his valuable guidance at every step we needed in organising the Conference. Our sincere thanks go to IFO for their association with the Conference. Our wholehearted thanks to the reviewers, sponsors and invited speakers, members of the advisory and organising committees, student volunteers and media persons and all others who have contributed in the successful organization of the Conference.

About The Department

Mechanical Engineering

Vision:

The Mechanical Engineering Department strives to be recognized globally for excellent technical knowledge and to produce quality human resource, who can manage the advance technologies and contribute to society through entrepreneurship and leadership.

Mission:

- *To impart highest quality technical knowledge to the learners to make them globally competitive mechanical engineers.*
- *To provide the learners ethical guidelines along with excellent academic environment for a long productive career.*
- *To promote industry-institute linkage.*

Department of Mechanical Engineering is one of the major activities in the engineering profession and its principles are involved in the design, development and construction of nearly all of the physical devices and systems. Continued development has led to better machines and processes, helping the mankind. The Mechanical Engineering department of JECRC has highly qualified faculty members. The department aims at providing basic knowledge in Mechanical Engineering along with in-depth knowledge in the design of mechanical components and practical applications to overcome the challenges of modern day industry and its commitment to produce knowledgeable and responsible Mechanical Engineers. Continuing student development programs and training/ workshops are being organized on a regular basis. Students of the department are actively participating in various extracurricular and extension activities.


JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE
11 - 12, MARCH 2022
KEY NOTE SPEAKER / SESSION CHAIR
US
MR. GLENN RASBERRY
INDIA
PROF. SURESH LULLA
US
DR. BOB POJASEK, PH.D.
US
MR. MAX DOLINSKY
QATAR
DR. ANNA KHAN
INDIA
MR. BHAVESH MEHTA
INDIA
DR. ANUJ PRAKASH
INDIA
DR. J. P. DHANU
INDIA
DR. HIMANSHU CHAUDHARY
INDIA
DR. RAJESH KUMAR
INDIA
DR. R. K. SHARMA
INDIA
DR. MANISH BHARDHAV
SHRI O.P AGRAWAL
SHRI AMIT AGARWAL
SHRI ARPIT AGARWAL
MS. DIKSHANT AGRAWAL
PROF (DR.) V. K. CHANDANA
DR. M. P. SINGH
DR. FAUZIA SIDDIQUI

Proceedings of
4th International Conference on Recent Innovations & Technological Development in Mechanical Engineering (ICRITDME-2021)
11-12, March 2021

DETAILED SCHEDULE

Day 1

9:00 AM - 1:00 AM	***e - Inaugural Ceremony*** *Address by* • Prof. Bob Pojasek, Managing Director, Center for Corporate Performance & Sustainability, Boston, Massachusetts, United States • Glenn Rasberry, Business Manager at Ingenia Polymers; Houston, Texas, United States • Mr. Suresh Lulla, Founder and Mentor, Qimpro Mumbai, Maharashtra, India • Dr. Anna Khan, CEO Suslenace Research, Qatar • Dr. Tauseef Zia Siddiqui, Sr Sustainability and Environment Analyst at Qatargas; Qatar	**Link** https://meet.google.com/oph-tiwm-dxf
Break [11:00 AM – 11:30 AM]		
Technical Session-I & II [11:30AM – 01:30PM]		**Link**
1:30AM– 2:00 PM	**Key Note Address:** Mr. Max Dolinsky, University of Delaware, U.S.	https://meet.google.com/myz-thpc-imt
2:00 PM- 1:30 PM	**Session I** — **Session Chair:** Prof.J P Bhamu, Principal GEC Bikaner	https://meet.google.com/myz-thpc-imt
	Session II — **Session Chair:** Prof. (Dr.) Ravi Kumar Goyal, President, Nirwan University Jaipur	https://meet.google.com/hvp-fssm-toy
Break [01:30 PM – 02:00 PM]		
Technical Session III & IV [02:00 PM - 04:00 PM]		**Link**
2:00 PM– 2:30 PM	**Key Note Address: Dr. Tauseef Zia Siddiqui, Qatargas, Qatar**	https://meet.google.com/dcn-junj-bzi
2:30 PM– 4:00 PM	**Session III** — **Session Chair:** Dr. Himanshu Chaudhary (MNIT Jaipur)	https://meet.google.com/dcn-junj-bzi
	Session IV — **Session Chair:** Prof. B.K. Sharma, Secretary IFO	https://meet.google.com/rfm-kxhi-pvj

Day 2

Technical Session-V & VI [09:30AM – 11:30AM]		**Link**
9:30 AM– 0:00 AM	**Key Note Address:** Dr. Anuj Prakash, Project Manager, TCS, Bangalore	https://meet.google.com/fwf-nxnp-dnc
0:00 AM– 1:30 AM	**Session V** — **Session Chair:** Dr. Ashok Kumar Dargar (LNMIIT Jaipur)	https://meet.google.com/fwf-nxnp-dnc
	Session VI — **Session Chair:** Dr. Varun Sharma (NIT Jalandhar)	https://meet.google.com/gyo-rage-dyv
Break [11:30 AM – 12:00 PM		
Technical Session-V & VI [12:00 PM – 02:00 PM]		Link
2:00PM – 2:30PM	**Key Note Address:** Dr. M.L. Meena, MNIT Jaipur	https://meet.google.com/gkw-xxtw-ssk
2:30PM -	**Session VII** — **Session Chair:** Dr. Manish Bhargava (NIT Agartala)	https://meet.google.com/gkw-xxtw-ssk

2:00PM	**Session VIII**	**Session Chair:** Dr. Pankaj Sharma (JECRC University)	https://meet.google.com/qww-kgrx-smf
Break [02:00 PM –- 02:30 PM			
	Technical Session-V & VI [02:30 PM – 04:30 PM]		Link
2:30PM-3:00 PM	**Key Note Address:** Dr. Jinesh Kumar Jain, MNIT Jaipur		https://meet.google.com/haw-zmwy-qzv
3:00PM-4:30 PM	**Session IX**	**Session Chair:** Dr. Ashok Kumar Sharma, Manipal University, Jaipur	https://meet.google.com/haw-zmwy-qzv

TECHNICALLY SUPPORTED BY

Student Chapter

OSA

JECRC Foundation Jaipur

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Upflairs

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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTER, JAIPUR
Shri Ram ki Nangal, via Sitapura RIICO
Tonk Road, Jaipur-302 022
B.Tech. 0141 2770232
99283 69263, 92146 99647 99826 82331, 99826 82431
E-mail: info@jecrcmail.com

ABOUT JECRC

Jaipur Engineering College & Research Centre (JECRC) was established in the year 2000 by JECRC Foundation. Encouraged by its splendid achievements and overwhelming public patronage, it ventured into establishing JECRC University in the year 2012. JECRC University is conducting UG, PG and Doctoral programmes in diversified fields (Engineering & Technology, Applied Science, Law and Management) and has also set up centres of research. The JECRC foundation has now become a brand name in professional education in Rajasthan.

VISION OF THE INSTITUE

To become a renowed centre of Outcomes based learning, and work towards academic, cultural and social enrichments of the lifes of individual and committee.

MISSION OF THE INSTITUTE

Focus on evaluation of learning outcomes and motivate students to inculcate research attitude and establishing an effective interface academia and industry.

QUALITY POLICY OF THE INSTITUTE

We are committed to the "achievement of quality" as an integral part of our institutional policy by Providing Outcomes based Education.

ABOUT DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Electronics & Communication Engineering department was established in the year 2000 with an idea to provide best technical expertise and placement opportunities to the under graduate students. The department has been continuously striving for excellence in

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4thNATIONAL CONFERENCE ON

RECENT ADVANCES IN COMMUNICATION, OPTICS AND NANOSCIENCE-2022 (RACON-2022)

Partons:

Shri O.P Agarwal, Chairman, JECRC Foundation Jaipur.

Shri M.l Sharma,Vice Chairman, JECRC Foundation Jaipur.

Shri Arpit Aggarwal, Director, JECRC Foundation Jaipur.

Shri Amit Aggarwal, Director, JECRC Foundation Jaipur..

Conference Chair:

Dr.V.K Chandana, Principal, JECRC Foundation Jaipur.

Conveners:

Dr.Sandeep Vyas,HOD ECE, JECRC Foundation Jaipur.

Co- Conveners

Ms. Ritambhara, Assistant Professor, ECE

Mr. Vikas Sharma, Assistant Professor, ECE

Organizing Secretaries

Ms. Bhavna Kalra, Assistant Professor, ECE

Mr. Raj Kumar Jain, Assistant Professor, ECE

Conference Chair

Dr Vinay Kumar Chandna

Convener

Dr. Sandeep Vyas

Co-Convener

Mr. Vikas Sharma

Ms. Ritambhara

Organizing Secretary

Ms. Yazusha Sharma

Organizing Committee

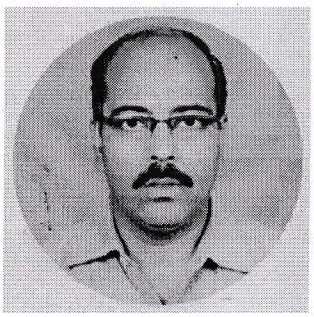
JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE, JAIPUR
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

National Conference on Contemporary issues in Computer Technology

Event	:	**National Conference**
Category	:	**Conference**
Area	:	**Computer Technologies and Associated world**
PO's Covered	:	All POs
PSO Covered	:	PSO1 and PSO2
Date & Time	:	May 28-29, 2022 9.15 AM onwards

Chief Guest / Keynote :

Mr. Sanjay Sharma
Technical Director (Scientist E)
NIC-High Court Rajasthan, Jaipur
Contact: +91-9829402020
01412227001/42073
E-mail: sharma.sanjay@nic.in



Conference details :

Department of Computer Science & Engineering of Jaipur Engineering College & Research Centre organized 4th National Conference on Contemporary Issues on Computer Technology (NCICT 2021) on May 28-29, 2022

NCICT-2022 aims at bringing together students, scholars, researchers, academicians, and industry people to deliberate on contemporary issues concerning the computer world and research aspects of emerging technologies and applications. **NCICT-2022** is organized with a vision to address various issues to promote the development of smart resolution in the future. It is expected that researchers will bring new prospects for collaboration across disciplines and gain ideas facilitating novel concepts. The first NCICT-2019 stood as a premier conference, organized by the Department of Computer Science & Engineering on March 16, 2019, at JECRC, Jaipur, and the second NCICT-2020 organized on March 7, 2020, at JECRC, Jaipur, similarly the 3rd NCICT-2021 was organized on 22-23rd

June 2021. The NCICT-22 is keeping the legacy continue on May 28-29, 2022, at JECRC, Jaipur.

The Head of Department and Convener, NCICT 2022, Dr. Sanjay Gour welcomed the Chief Guest and Key note Speaker, Mr. Sanjay Sharma, Technical Director, Scientist –E, NIC Rajasthan high Court, Jaipur, India. The Special guest of the Conference was Prof (Dr.) R. K. Mangal, Registrar Jaipur Engineering College & Research Centre, and Jaipur. Various parallel sessions were organized to present more than 90 selected quality conference papers from different conference tracks. Organizing Secretary NCICT 2022, Dr. Vijeta Kumawat presented vote of thanks.

Conference Publication:

Proceedings of Conference :

Contemporary Issues in Computer Technology, Vol-4,

ISBN: 978-81-940543-2-0

Departmental Organizer:

1. Dr. Sanjay Gour (professor and Head, CSE Deptt.)
2. Dr. Vijeta Kumawat (Associate Professor and Dy. HoD, CSE Deptt.)
3. Ms. Astha Joshi (Assistant Professor, CSE Deptt.)

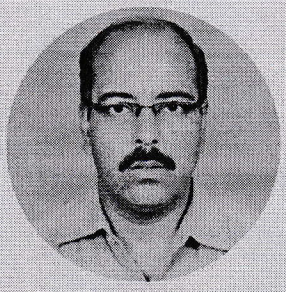
JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

Jaipur Engineering College & Research Centre

Department of Computer Science and Engineering

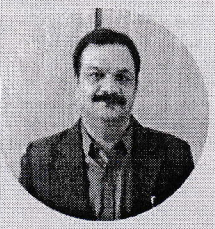
4th National Conference on Contemporary Issues in Computer Technology (NCICT-2022)

May 28-29, 2022



Sh. Sanjay Sharma
Chief Guest & Keynote Speaker
Technical Director (Scientist 'E')
NIC, Raj.asthan High Court

Sh. Arpit Agarwal
Director , JECRC



Prof.(Dr.) V.K. Chandna
Principal, JECRC

Dr. Sanjay Gaur
HoD, CSE & Convener

Dr. Vijeta Kumawat
Organizing Secreatory

Ms. Astha Joshi
Organizing Secreatory

OFFICE OF THE DEAN ACADEMIC AFFAIRS
RAJASTHAN TECHNICAL UNIVERSITY
AKELGARH, RAWATBHATA ROAD, KOTA-324010
Ph-0744- 2473015, website : www.rtu.ac.in, email : dean.academic@rtu.ac.in

RTU/Acad./F(17)14/2021/ 3830-35 **Date: 23.07.2021**

To
Principal/Director
Jaipur Engineering College & Reseach Centre
Shriram Ki Nangal, Via Vatika, Tonk Road
Jaipur-303022

Sub: Recognition of Centre of Excellence in **Science & Sprituality.**
Ref.: 1. University letter no. RTU/F(17)Acad./2020/1414-15, dtd. 30.09.2020.
2. Your proposal received through email dtd. 30.06.2021.

Sir

With reference to University call for proposals for establishment of Centre of Excellence, your application for recognition of Centre of Excellence in the area of **Science & Sprituality** was considered. On the recommendation of Expert Evaluation Team and subsequent approval of 69th Board of Inspection vide agenda no. 69.3, University has recognised the Centre of Excellence in the area of **Science & Sprituality** at your institute.

The modalities of operation for Centre of Excellence shall be communicated in due course of time.

Yours sincerely

Sd/-
(Prof. D.K. Palwalia)
Dean, Academic Affairs

C.C.to:
1. PS to HVC
2. All Deans
3. Registrar
4. Finance Comptroller
5. Guard File

(Diwakar Joshi)
Dy. Registrar

Jaipur Engineering College and Research Centre
Shri Ram Ki Nangal, Via Sitapura RIICO, Opp. EPIP Gate,
Tonk Road, Jaipur-302 022
Ph. No.0141-2770232, 2770120
Fax No.0141-2770803

Student Enrolled

Student Enrolled : $50 * \left(\frac{3528}{3960}\right)$

: 44.54

Points 45

QIV

Session 2022-23 (RTU)

Batch	Branch	No. of Male	No. of Female	Total Students
2018-19	Civil	111	10	121
	CSE	141	51	192
	EE	86	9	95
	ECE	122	46	168
	IT	65	29	94
	ME	112	3	115
	CSE II	52	5	57
	TOTAL	689	153	842
2019-20	Civil	120	17	137
	CSE	175	47	222
	EE	89	15	104
	ECE	165	66	231
	IT	82	21	103
	ME	85	1	86
	CSE-II	55	17	72
	TOTAL	771	184	955
2020-21	AI&DS	50	20	70
	Civil	115	7	122
	CSE	197	96	293
	EE	71	17	88
	ECE	139	42	181
	IT	126	44	170
	ME	52	3	55
	TOTAL	750	229	979
2021-22	AI&DS	50	11	61
	Civil	67	2	69
	CSE	174	75	249
	EE	45	8	53
	ECE	101	37	138
	IT	102	45	147
	ME	34	1	35
	TOTAL	573	179	752

Jaipur Engineering College and Research Centre

Shri Ram Ki Nangal, Via Sitapura RIICO, Opp. EPIP Gate,
Tonk Road, Jaipur-302 022
Ph. No.0141-2770232, 2770120
Fax No.0141-2770803

Student Performance

Student Enrolled in 2017	:	1002
Student Pass-out without backlog	:	774
No. of Students Passout with backlog but in stipulated time	:	415

Student Performance : $\frac{10*415+5*774}{1002}$

: $\frac{8020}{1002} * 10$

: 80.03

Points 80

QIV

Session 2022-23 (RTU)

Jaipur Engineering College and Research Centre

Shri Ram Ki Nangal, Via Sitapura RIICO, Opp. EPIP Gate,
Tonk Road, Jaipur-302 022
Ph. No.0141-2770232, 2770120
Fax No.0141-2770803

Percentage of Student

Student Enrolled	:	1002
Student Pass with I Division	:	663
Student Percentage	:	$\frac{663}{1002}$
	:	$0.66 * 30$
	:	19.80

Points 20

QIV

Session 2022-23 (RTU)

Jaipur Engineering College and Research Centre

Shri Ram Ki Nangal, Via Sitapura RIICO, Opp. EPIP Gate,
Tonk Road, Jaipur-302 022
Ph. No.0141-2770232, 2770120
Fax No.0141-2770803

Percentage of Student

Student Enrolled	:	1002
Qualified GATE EXAM	:	18
Percentage of GATE Exam	:	$\frac{18}{1002}$
	:	$0.017 * 30$
	:	0.53

Points 01

QIV

Session 2022-23 (RTU)

List of Students Who have qualified the GATE Exam-2022

S. No	Roll No.	Name of Student	Father Name	Dept.	Registration No.
1	18EJCME035	Chetan Mahawar	Braj Mohan Mahawar	ME	ME22S83015251
2	17EJCEE105	Shubham Goyal	Mohan Lal Goyal	EE	EE22S28003003
3	17EJCEE110	Sudhanshu Bansal	Narendra Kumar	EE	EE22S23025059
4	18EJCCS049	Dharmvatsal Singh Chouhan	Vijay Pal Verma	CSE	CS22S13001132
5	18EJCCE002	Abhinav Karela	Rk Meghwal	CE	CE22S53015015
6	18EJCCE005	Abhishek Pareek	Suresh Pareek	CE	CE22S53016464
7	18EJCCE020	Bharat Dudi	Hanumana Ram Dudi	CE	CE22S63015025
8	18EJCCE026	Devesh Sharma	Mahesh Sharma	CE	CE22S63017194
9	18EJCCE034	Govind Prajapati	Moti Lal Kumhar	CE	CE22S53015041
10	18EJCCE034	Govind Prajapati	Moti Lal Kumhar	CE	ES22S33015098
11	18EJCCE060	Mohit Kumar	Dhani Ram	CE	CE22S53017396
12	18EJCCE066	Nikhil Jain	Mukesh Kumar Jain	CE	CE22S63018430
13	18EJCCE072	Paras Sharma	Mukesh Kumar Sharma	CE	CE22S63019197
14	18EJCCE080	Priya Meena	Jagdish Prasad Meena	CE	CE22S53018416
15	18EJCCE081	Priyanka Loyal	Devilal Choudhary	CE	CE22S63016076
16	18EJCCE118	Vivek Kumar Meena	Brijmohan Meena	CE	CE22S53018106
17	18EJCCE303	Akash Kumar Prajapat	Himmat Mal Prajapat	CE	CE22S63055003
18	18EJCCE303	Akash Kumar Prajapat	Himmat Mal Prajapat	CE	ES22S33055047

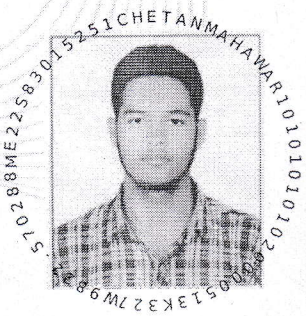
Principal

GATE 2022 Scorecard

Graduate Aptitude Test in Engineering (GATE)

अभियांत्रिकी स्नातक अभिक्षमता परीक्षा

Name of Candidate	CHETAN MAHAWAR
Parent's/Guardian's Name	BRAJ MOHAN MAHAWAR
Registration Number	ME22S83015251
Date of Birth	13-May-2000
Examination Paper	Mechanical Engineering (ME)



GATE Score:	288	Marks out of 100*:		22.57	
All India Rank in this paper:	17920	Qualifying Marks**	General	EWS/OBC (NCL)	SC/ST/PwD
Number of Candidates Appeared in this paper:	89567		28.1	25.2	18.7

Valid up to 31st March 2025

Prof. Ranjan Bhattacharyya
Organising Chairman, GATE 2022
on behalf of NCB-GATE, for MoE

402606d83e4202d86466ca4603448f75

** Normalized marks for Civil Engineering (CE) and Mechanical Engineering (ME) Papers*

*** A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned for the category for which valid category certificate, if applicable, is produced along with this score card.*

Organising Institute: Indian Institute of Technology Kharagpur

General Information

The GATE 2022 score is calculated using the formula

$$\text{GATE Score} = S_q + (S_t - S_q)\frac{(M - M_q)}{(M_t - M_q)}$$

where,
$\mathbf{M}$ is the marks obtained by the candidate in the paper, mentioned on this GATE 2022 scorecard
$\mathbf{M_q}$ is the qualifying marks for general category candidate in the paper
$\mathbf{M_t}$ is the mean of marks of top 0.1% or top 10 (whichever is larger) of the candidates who appeared in the paper (in case of multi-session papers including all sessions)
$S_q = 350$, is the score assigned to $\mathbf{M_q}$
$S_t = 900$, is the score assigned to $\mathbf{M_t}$

In the GATE 2022 score formula, $\mathbf{M_q}$ is 25 marks (out of 100) or $\mu + \sigma$, whichever is greater. Here μ is the mean and σ is the standard deviation of marks of all the candidates who appeared in the paper.

Qualifying in GATE 2022 does not guarantee either an admission to a post-graduate program or a scholarship/assistantship. Admitting institutes may conduct further tests and interviews for final selection.

Graduate Aptitude Test in Engineering (GATE) 2022 was organized by Indian Institute of Technology Kharagpur on behalf of the National

GATE 2022 Scorecard

Graduate Aptitude Test in Engineering (GATE)

Name of Candidate	SUDHANSHU BANSAL
Parent's/Guardian's Name	NARENDRA KUMAR BANSAL
Registration Number	EE22S23025059
Date of Birth	14-Sep-2000
Examination Paper	Electrical Engineering (EE)

GATE Score:	589	Marks out of 100:	53		
All India Rank in this paper:	2190	Qualifying Marks*	General	EWS/OBC (NCL)	SC/ST/PwD
Number of Candidates Appeared in this paper	69734		30.7	27.6	20.4

Valid up to 31st March 2025

Prof. Ranjan Bhattacharyya
Organising Chairman, GATE 2022
on behalf of NCB-GATE, for MoE

*A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned for the category for which valid category certificate, if applicable, is produced along with this score card.

Organising Institute: Indian Institute of Technology Kharagpur

General Information

The GATE 2022 score is calculated using the formula

$$\text{GATE Score} = S_q + (S_t - S_q)\frac{(M - M_q)}{(M_t - M_q)}$$

where,
M is the marks obtained by the candidate in the paper, mentioned on this GATE 2022 scorecard
M_q is the qualifying marks for general category candidate in the paper
M_t is the mean of marks of top 0.1% or top 10 (whichever is larger) of the candidates who appeared in the paper (in case of multi-session papers including all sessions)
S_q = 350, is the score assigned to M_q
S_t = 900, is the score assigned to M_t

In the GATE 2022 score formula, M_q is 25 marks (out of 100) or $\mu + \sigma$, whichever is greater. Here μ is the mean and σ is the standard deviation of marks of all the candidates who appeared in the paper.

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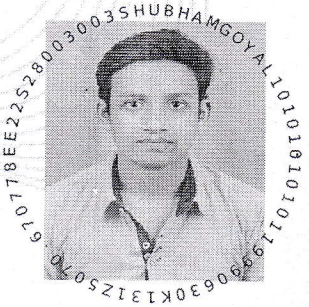
Graduate Aptitude Test in Engineering (GATE) 2022 was organized by Indian Institute of Technology Kharagpur on behalf of the National Coordination Board (NCB) – GATE for the Department of Higher Education, Ministry of Education (MoE), Government of India.

GATE 2022 Scorecard

Graduate Aptitude Test in Engineering (GATE)

गेट 2022 अभियांत्रिकी स्नातक अभिक्षमता परीक्षा

Name of Candidate	SHUBHAM GOYAL
Parent's/Guardian's Name	MOHAN LAL GOYAL
Registration Number	EE22S28003003
Date of Birth	30-Jun-1999
Examination Paper	Electrical Engineering (EE)



GATE Score:	778	Marks out of 100:		70.67	
All India Rank in this paper:	312	Qualifying Marks*	General	EWS/OBC (NCL)	SC/ST/PwD
Number of Candidates Appeared in this paper:	69734		30.7	27.6	20.4

Valid up to 31st March 2025

Prof. Ranjan Bhattacharyya
Organising Chairman, GATE 2022
on behalf of NCB-GATE, for MoE

20ae924bcc15d68ac02242e66a664c02

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Organising Institute: Indian Institute of Technology Kharagpur

General Information

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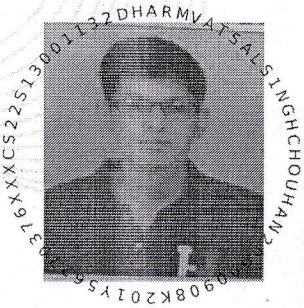
GATE 2022 Scorecard

Graduate Aptitude Test in Engineering (GATE)

अभियांत्रिकी स्नातक अभिक्षमता परीक्षा

Name of Candidate	DHARMVATSAL SINGH CHOUHAN
Parent's/Guardian's Name	VIJAYPAL VERMA
Registration Number	CS22S13001132
Date of Birth	08-Sep-2000
Examination Paper	Computer Science and Information Technology (CS)



GATE Score:	376	Marks out of 100:	27	
All India Rank in this paper:	8028	Qualifying Marks*	General	EWS/OBC (NCL)	SC/ST/PwD
Number of Candidates Appeared in this paper:	77257		25.0	22.5	16.6

Valid up to 31st March 2025

Prof. Ranjan Bhattacharyya
Organising Chairman, GATE 2022
on behalf of NCB-GATE, for MoE

3b92273089d09f17035c456bd76febc4

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Organising Institute: Indian Institute of Technology Kharagpur

General Information

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$\mathbf{M_t}$ is the mean of marks of top 0.1% or top 10 (whichever is larger) of the candidates who appeared in the paper (in case of multi-session papers including all sessions)
$S_q = 350$, is the score assigned to $\mathbf{M_q}$
$S_t = 900$, is the score assigned to $\mathbf{M_t}$

In the GATE 2022 score formula, $\mathbf{M_q}$ is 25 marks (out of 100) or $\mu + \sigma$, whichever is greater. Here μ is the mean and σ is the standard deviation of marks of all the candidates who appeared in the paper.

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GATE 2022 Scorecard

Graduate Aptitude Test in Engineering (GATE)

Name of Candidate	ABHINAV KARELA
Parent's/Guardian's Name	RK MEGHWAL
Registration Number	CE22S53015015
Date of Birth	13-Oct-1998
Examination Paper	Civil Engineering (CE)

GATE Score:	379	Marks out of 100*:	33.3		
All India Rank in this paper:	10609	Qualifying Marks**	General	EWS/OBC (NCL)	SC/ST/PwD
Number of Candidates Appeared in this paper:	100043		30.4	27.3	20.2

Valid up to 31st March 2025

Prof. Ranjan Bhattacharyya
Organising Chairman, GATE 2022
on behalf of NCB-GATE, for MoE

926fe02e041e423b877d880352a7ac23

* Normalized marks for Civil Engineering (CE) and Mechanical Engineering (ME) Papers

** A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned for the category for which valid category certificate, if applicable, is produced along with this score card.

Organising Institute: Indian Institute of Technology Kharagpur

General Information

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where,
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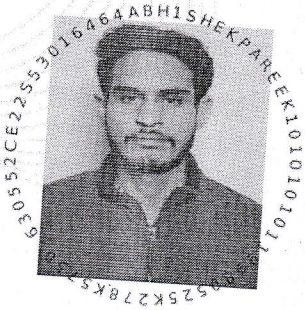
Graduate Aptitude Test in Engineering (GATE) 2022 was organized by Indian Institute of Technology Kharagpur on behalf of the National Coordination Board (NCB) – GATE for the Department of Higher Education, Ministry of Education (MoE), Government of India.

GATE 2022 Scorecard

Graduate Aptitude Test in Engineering (GATE)

Name of Candidate	ABHISHEK PAREEK
Parent's/Guardian's Name	SURESH PAREEK
Registration Number	CE22S53016464
Date of Birth	25-May-1998
Examination Paper	Civil Engineering (CE)



Abhishek Pareek

GATE Score:	552
All India Rank in this paper:	3336
Number of Candidates Appeared in this paper:	100043

Marks out of 100*: 50.63

Qualifying Marks**	General	EWS/OBC (NCL)	SC/ST/PwD
	30.4	27.3	20.2

Valid up to 31st March 2025

Ranjan Bhattacharyya

Prof. Ranjan Bhattacharyya
Organising Chairman, GATE 2022
on behalf of NCB-GATE, for MoE

536110e6800637f67c3823fc17e4a4b5

* Normalized marks for Civil Engineering (CE) and Mechanical Engineering (ME) Papers

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Organising Institute: Indian Institute of Technology Kharagpur

General Information

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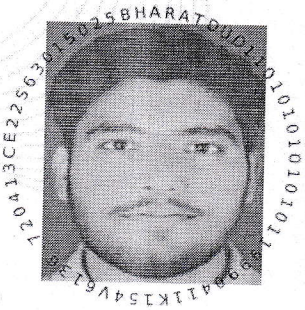
Graduate Aptitude Test in Engineering (GATE) 2022 was organized by Indian Institute of Technology Kharagpur on behalf of the National Coordination Board (NCB) – GATE for the Department of Higher Education, Ministry of Education, Government of India.

GATE 2022 Scorecard

Graduate Aptitude Test in Engineering (GATE)

Graduate Aptitude Test in Engineering
अभियांत्रिकी स्नातक अभिक्षमता परीक्षा

Name of Candidate	BHARAT DUDI
Parent's/Guardian's Name	HANUMANA RAM DUDI
Registration Number	CE22S63015025
Date of Birth	11-Apr-1999
Examination Paper	Civil Engineering (CE)



Bharat

GATE Score:	413	Marks out of 100*:		36.72	
All India Rank in this paper:	8386	Qualifying Marks**	General	EWS/OBC (NCL)	SC/ST/PwD
Number of Candidates Appeared in this paper:	100043		30.4	27.3	20.2

Valid up to 31st March 2025

Prof. Ranjan Bhattacharyya
Organising Chairman, GATE 2022
on behalf of NCB-GATE, for MoE

43f74551a14b54dc1b9c5084ac2a14c9

** Normalized marks for Civil Engineering (CE) and Mechanical Engineering (ME) Papers*

*** A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned for the category for which valid category certificate, if applicable, is produced along with this score card.*

Organising Institute: Indian Institute of Technology Kharagpur

General Information

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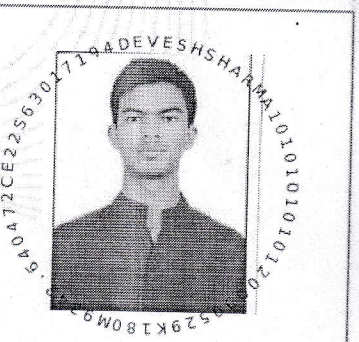
GATE 2022 Scorecard

Graduate Aptitude Test in Engineering (GATE)

Name of Candidate	DEVESH SHARMA
Parent's/Guardian's Name	MAHESH SHARMA
Registration Number	CE22S63017194
Date of Birth	29-May-2000
Examination Paper	Civil Engineering (CE)



GATE Score:	472	Marks out of 100*:	42.64		
All India Rank in this paper:	5620	Qualifying Marks**	General	EWS/OBC (NCL)	SC/ST/PwD
Number of Candidates Appeared in this paper:	100043		30.4	27.3	20.2

Valid up to 31st March 2025

Prof. Ranjan Bhattacharyya
Organising Chairman, GATE 2022
on behalf of NCB-GATE, for MoE

7c4a08f6b0b6fcb01b71d1b99d37651f

* *Normalized marks for Civil Engineering (CE) and Mechanical Engineering (ME) Papers*

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Organising Institute: Indian Institute of Technology Kharagpur

General Information

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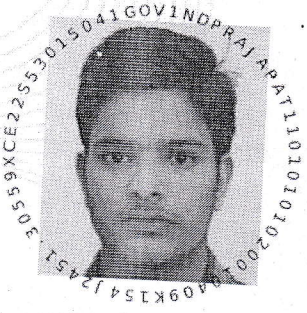
GATE 2022 Scorecard

Graduate Aptitude Test in Engineering (GATE)

Name of Candidate	GOVIND PRAJAPATI
Parent's/Guardian's Name	MOTI LAL KUMHAR
Registration Number	CE22S53015041
Date of Birth	09-Apr-2001
Examination Paper	Civil Engineering (CE)



गोविन्द

GATE Score:	559
All India Rank in this paper:	3174
Number of Candidates Appeared in this paper:	100043

Marks out of 100*: 51.3

Qualifying Marks**	General	EWS/OBC (NCL)	SC/ST/PwD
	30.4	27.3	20.2

Valid up to 31st March 2025

Prof. Ranjan Bhattacharyya
Organising Chairman, GATE 2022
on behalf of NCB-GATE, for MoE

a028368e87d190d7f0b384d950b94954

* Normalized marks for Civil Engineering (CE) and Mechanical Engineering (ME) Papers

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Organising Institute: Indian Institute of Technology Kharagpur

General Information

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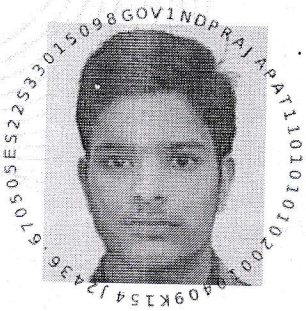
GATE 2022 Scorecard

Graduate Aptitude Test in Engineering (GATE)

Name of Candidate	GOVIND PRAJAPATI
Parent's/Guardian's Name	MOTI LAL KUMHAR
Registration Number	ES22S33015098
Date of Birth	09-Apr-2001
Examination Paper	Environmental Science and Engineering (ES)



गोविन्द

GATE Score:	505
All India Rank in this paper:	286
Number of Candidates Appeared in this paper:	6357
Marks out of 100:	36.67

Qualifying Marks*	General	EWS/OBC (NCL)	SC/ST/PwD
	25.9	23.3	17.2

Valid up to 31st March 2025

Prof. Ranjan Bhattacharyya
Organising Chairman, GATE 2022
on behalf of NCB-GATE, for MoE

1ff3489403c7031cdcd0c257b5e1fb5f

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Organising Institute: Indian Institute of Technology Kharagpur

General Information

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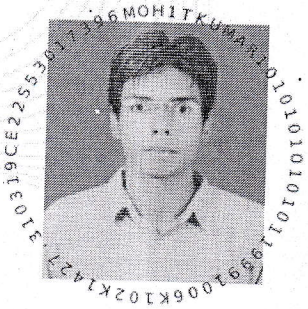
GATE 2022 Scorecard

Graduate Aptitude Test in Engineering (GATE)

Name of Candidate	MOHIT KUMAR
Parent's/Guardian's Name	DHANI RAM
Registration Number	CE22S53017396
Date of Birth	06-Oct-1999
Examination Paper	Civil Engineering (CE)



Mohit

GATE Score:	319	Marks out of 100*:	27.31	
All India Rank in this paper:	16569	Qualifying Marks**	General	EWS/OBC (NCL)	SC/ST/PwD
Number of Candidates Appeared in this paper:	100043		30.4	27.3	20.2

Valid up to 31st March 2025

Ranjan Bhattacharyya

Prof. Ranjan Bhattacharyya
Organising Chairman, GATE 2022
on behalf of NCB-GATE, for MoE

8438387e7b2d174bea3ed56043d346d0

* *Normalized marks for Civil Engineering (CE) and Mechanical Engineering (ME) Papers*

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Organising Institute: Indian Institute of Technology Kharagpur

General Information

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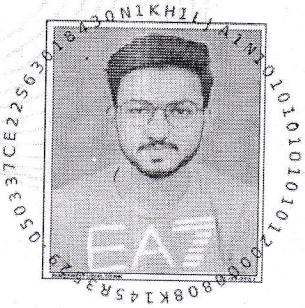
GATE 2022 Scorecard

Graduate Aptitude Test in Engineering (GATE)

Name of Candidate	NIKHIL JAIN
Parent's/Guardian's Name	MUKESH KUMAR JAIN
Registration Number	CE22S63018430
Date of Birth	08-Aug-2000
Examination Paper	Civil Engineering (CE)



Nikhiljain

GATE Score:	337	Marks out of 100*:		29.05	
All India Rank in this paper:	14389	Qualifying Marks**	General	EWS/OBC (NCL)	SC/ST/PwD
Number of Candidates Appeared in this paper:	100043		30.4	27.3	20.2

Valid up to 31st March 2025

Prof. Ranjan Bhattacharyya
Organising Chairman, GATE 2022
on behalf of NCB-GATE, for MoE

b5384691e695cd9339d1c20497e6cd2e

* Normalized marks for Civil Engineering (CE) and Mechanical Engineering (ME) Papers

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Organising Institute: Indian Institute of Technology Kharagpur

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M_t is the mean of marks of top 0.1% or top 10 (whichever is larger) of the candidates who appeared in the paper (in case of multi-session papers including all sessions)
S_q = 350, is the score assigned to M_q
S_t = 900, is the score assigned to M_t

In the GATE 2022 score formula, M_q is 25 marks (out of 100) or $\mu + \sigma$, whichever is greater. Here μ is the mean and σ is the standard deviation of marks of all the candidates who appeared in the paper.

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Graduate Aptitude Test in Engineering (GATE) 2022 was organized by Indian Institute of Technology Kharagpur on behalf of the National Coordination Board (NCB) – GATE for the Department of Higher Education, Ministry of Education (MoE), Government of India.

GATE 2022 Scorecard

Graduate Aptitude Test in Engineering (GATE)

Name of Candidate	PARAS SHARMA
Parent's/Guardian's Name	MUKESH KUMAR SHARMA
Registration Number	CE22S63019197
Date of Birth	10-Mar-2001
Examination Paper	Civil Engineering (CE)

Paras

GATE Score:	319	Marks out of 100*:	27.31	
All India Rank in this paper:	16351	Qualifying Marks**	General	EWS/OBC (NCL)	SC/ST/PwD
Number of Candidates Appeared in this paper:	100043		30.4	27.3	20.2

Valid up to 31st March 2025

Ranjan Bhattacharyya

Prof. Ranjan Bhattacharyya
Organising Chairman, GATE 2022
on behalf of NCB-GATE, for MoE

2149cec676e3bebd55a2f5d46437f22a

* *Normalized marks for Civil Engineering (CE) and Mechanical Engineering (ME) Papers*

** *A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned for the category for which valid category certificate, if applicable, is produced along with this score card.*

Organising Institute: Indian Institute of Technology Kharagpur

General Information

The GATE 2022 score is calculated using the formula

$$\text{GATE Score} = S_q + (S_t - S_q)\frac{(M - M_q)}{(M_t - M_q)}$$

where,
M is the marks obtained by the candidate in the paper, mentioned on this GATE 2022 scorecard
M_q is the qualifying marks for general category candidate in the paper
M_t is the mean of marks of top 0.1% or top 10 (whichever is larger) of the candidates who appeared in the paper (in case of multi-session papers including all sessions)
$S_q = 350$, is the score assigned to M_q
$S_t = 900$, is the score assigned to M_t

In the GATE 2022 score formula, M_q is 25 marks (out of 100) or $\mu + \sigma$, whichever is greater. Here μ is the mean and σ is the standard deviation of marks of all the candidates who appeared in the paper.

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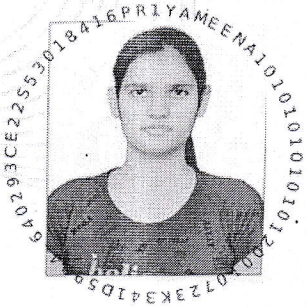
GATE 2022 Scorecard

Graduate Aptitude Test in Engineering (GATE)

Name of Candidate	PRIYA MEENA
Parent's/Guardian's Name	JAGDISH PRASAD MEENA
Registration Number	CE22S53018416
Date of Birth	23-Jul-2001
Examination Paper	Civil Engineering (CE)



Priya Meena

GATE Score:	293	Marks out of 100*:		24.64	
All India Rank in this paper:	20148	Qualifying Marks**	General	EWS/OBC (NCL)	SC/ST/PwD
Number of Candidates Appeared in this paper:	100043		30.4	27.3	20.2

Valid up to 31st March 2025

Prof. Ranjan Bhattacharyya
Organising Chairman, GATE 2022
on behalf of NCB-GATE, for MoE

e3144078d43ffaa2afafa9a5cf09a7a6

* Normalized marks for Civil Engineering (CE) and Mechanical Engineering (ME) Papers

** A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned for the category for which valid category certificate, if applicable, is produced along with this score card.

Organising Institute: Indian Institute of Technology Kharagpur

General Information

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S_t = 900, is the score assigned to M_t

In the GATE 2022 score formula, M_q is 25 marks (out of 100) or $\mu + \sigma$, whichever is greater. Here μ is the mean and σ is the standard deviation of marks of all the candidates who appeared in the paper.

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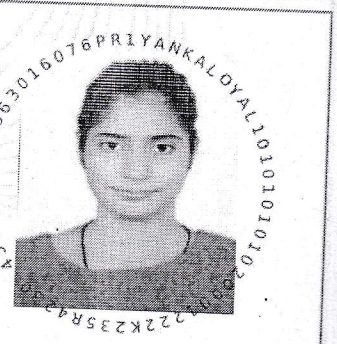
GATE 2022 Scorecard

Graduate Aptitude Test in Engineering (GATE)

स्नातक अभिक्षमता परीक्षा

Name of Candidate	PRIYANKA LOYAL
Parent's/Guardian's Name	DEVILAL CHOUDHARY
Registration Number	CE22S63016076
Date of Birth	22-Dec-2000
Examination Paper	Civil Engineering (CE)



Priyanka.

GATE Score:	350
All India Rank in this paper:	13049
Number of Candidates Appeared in this paper:	100043

Marks out of 100*: 30.45

Qualifying Marks**	General	EWS/OBC (NCL)	SC/ST/PwD
	30.4	27.3	20.2

Valid up to 31st March 2025

Ranjan Bhattacharyya

Prof. Ranjan Bhattacharyya
Organising Chairman, GATE 2022
on behalf of NCB-GATE, for MoE

1f2db2328e4d68d53a9a06c50e0d76d4

* Normalized marks for Civil Engineering (CE) and Mechanical Engineering (ME) Papers

** A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned for the category for which valid category certificate, if applicable, is produced along with this score card.

Organising Institute: Indian Institute of Technology Kharagpur

General Information

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$$\text{GATE Score} = S_q + (S_t - S_q)\frac{(M - M_q)}{(M_t - M_q)}$$

where,

M is the marks obtained by the candidate in the paper, mentioned on this GATE 2022 scorecard

M_q is the qualifying marks for general category candidate in the paper

M_t is the mean of marks of top 0.1% or top 10 (whichever is larger) of the candidates who appeared in the paper (in case of multi-session papers including all sessions)

$S_q = 350$, is the score assigned to M_q

$S_t = 900$, is the score assigned to M_t

In the GATE 2022 score formula, M_q is 25 marks (out of 100) or $\mu + \sigma$, whichever is greater. Here μ is the mean and σ is the standard deviation of marks of all the candidates who appeared in the paper.

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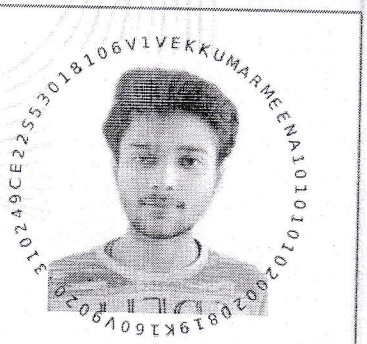
GATE 2022 Scorecard

Graduate Aptitude Test in Engineering (GATE)

Name of Candidate	VIVEK KUMAR MEENA
Parent's/Guardian's Name	BRIJMOHAN MEENA
Registration Number	CE22S53018106
Date of Birth	19-Aug-2002
Examination Paper	Civil Engineering (CE)



Vivek

GATE Score:	249	Marks out of 100*:		20.31	
All India Rank in this paper:	28611	Qualifying Marks**	General	EWS/OBC (NCL)	SC/ST/PwD
Number of Candidates Appeared in this paper:	100043		30.4	27.3	20.2

Valid up to 31st March 2025

Prof. Ranjan Bhattacharyya
Organising Chairman, GATE 2022
on behalf of NCB-GATE, for MoE

42c52938e4f69778a386cd8333c471d0

* Normalized marks for Civil Engineering (CE) and Mechanical Engineering (ME) Papers

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Organising Institute: Indian Institute of Technology Kharagpur

General Information

The GATE 2022 score is calculated using the formula

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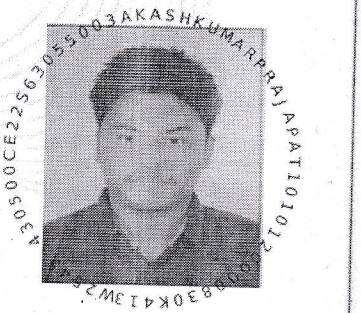
GATE 2022 Scorecard

Graduate Aptitude Test in Engineering (GATE)

स्नातक अभिक्षमता परीक्षा

Name of Candidate	AKASH KUMAR PRAJAPAT
Parent's/Guardian's Name	HIMMAT MAL PRAJAPAT
Registration Number	CE22S63055003
Date of Birth	30-Aug-2000
Examination Paper	Civil Engineering (CE)



GATE Score:	500	Marks out of 100*:	45.43	
All India Rank in this paper:	4725	Qualifying Marks**	General	EWS/OBC (NCL)	SC/ST/PwD
Number of Candidates Appeared in this paper:	100043		30.4	27.3	20.2

Valid up to 31st March 2025

Prof. Ranjan Bhattacharyya
Organising Chairman, GATE 2022
on behalf of NCB-GATE, for MoE

b64fdbded77ef543c6792cdf7f3523ae

* Normalized marks for Civil Engineering (CE) and Mechanical Engineering (ME) Papers

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Organising Institute: Indian Institute of Technology Kharagpur

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GATE 2022 Scorecard

Graduate Aptitude Test in Engineering (GATE)

Name of Candidate	AKASH KUMAR PRAJAPAT
Parent's/Guardian's Name	HIMMAT MAL PRAJAPAT
Registration Number	ES22S33055047
Date of Birth	30-Aug-2000
Examination Paper	Environmental Science and Engineering (ES)

GATE Score:	514	Marks out of 100:		37.33	
All India Rank in this paper:	263	Qualifying Marks*	General	EWS/OBC (NCL)	SC/ST/PwD
Number of Candidates Appeared in this paper:	6357		25.9	23.3	17.2

Valid up to 31st March 2025

Prof. Ranjan Bhattacharyya
Organising Chairman, GATE 2022
on behalf of NCB-GATE, for MoE

bcb1c6e54bb896be4225a21725d7fb51

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Jaipur Engineering College and Research Centre

Shri Ram Ki Nangal, Via Sitapura RIICO, Opp. EPIP Gate,
Tonk Road, Jaipur-302 022
Ph. No.0141-2770232, 2770120
Fax No.0141-2770803

Percentage of Student Placed

Student Enrolled	:	834
No. of Students Placed	:	546
Student Percentage	:	$\frac{546*1.43}{834}$
	:	$\frac{780}{834} * 70$
	:	65.53

Points 66

QIV

Session 2022-23 (RTU)

Jaipur Engineering College and Research Centre, Jaipur

Placement Details 2021-22

S#	Roll No	Name	Branch	Company Name	Package in Lacs
1	18EJCCE005	Abhishek Pareek	CE	Pinnacle	3
2	18EJCCE011	Akhilesh Ojha	CE	Golden Inches Realtors/Pinnacle	3.6
3	18EJCCE014	Anjali Mahawar	CE	Golden Inches Realtors/Wipro	3.6
4	18EJCCE017	Anuj Kumar Vijay	CE	Ashiana Housing	3.5
5	18EJCCE022	Bhavy Kumar Jain	CE	Pinnacle	3
6	18EJCCE023	Bhupendra Singh Rajpurohit	CE	Accenture	4.25
7	18EJCCE024	Chandradeep Singh Shekhawat	CE	Ashiana Housing,Shree Cement	3.5
8	18EJCCE028	Dhanujay Nain	CE	METACUBE	6
9	18EJCCE031	Divyansh Pareek	CE	Golden Inches Realtors/Practo	3.6
10	18EJCCE036	Harsh Jarwal	CE	Melhua	4
11	18EJCCE038	Harsh Vardhan	CE	Upflairs Pvt. Ltd,Shree Cement	3
12	18EJCCE041	Harshit Gupta	CE	Adv Accenture	6
13	18EJCCE043	Hitesh Kumar	CE	Unschool/Briskminds	5
14	18EJCCE045	Jaspinder Kaur	CE	Ashiana Housing	3.5
15	18EJCCE049	Kuldeep Suthar	CE	Accenture/TCS Ninja	4.25
16	18EJCCE055	Mayank Dadhich	CE	CEG Test	2.4
17	18EJCCE057	Mo Roman	CE	Golden Inches Realtors	3.6
18	18EJCCE063	Neelam Meena	CE	Wipro	4.25
19	18EJCCE065	Neha Mehar	CE	Wipro/TCS Ninja	4.25
20	18EJCCE066	Nikhil Jain	CE	Pinnacle	3
21	18EJCCE067	Nikhil Saini	CE	Desire Power	3
22	18EJCCE082	Priyesh Unnithan	CE	Ashiana Housing	3.5
23	18EJCCE092	Ritik Kumar Prajapati	CE	Upflairs Pvt. Ltd/Desire Power	3
24	18EJCCE094	Sanchay Agrawal	CE	Siterecon	4.5
25	18EJCCE095	Sanjana Biraniya	CE	Golden Inches Realtors	3.6
26	18EJCCE097	Saurabh Umarwal	CE	Pinnacle	3
27	18EJCCE108	Tarun Dev Singh	CE	Pinnacle	3
28	18EJCCE116	Vinayak Sharma	CE	Pinnacle	3
29	18EJCCE117	Viraj Chouhan	CE	CEG Test	2.4
30	18EJCCE302	Ravi Sharma	CE	Melhua	4
31	19EJCCE200	Danish Siddiqui	CE	Golden Inches Realtors	3.6
32	18EJCCS001	Aastha Agarwal	CSE	Accenture/TCS Ninja/Samsung	4.5
33	18EJCCS002	Aayushi Bahukhandi	CSE	HPE	10
34	18EJCCS003	Abhishek Rathore	CSE	Coforge	3.6
35	18EJCCS004	Aditi Birla	CSE	Capgemini (7.5LPA)/ Wipro	7.5
36	18EJCCS005	Aditya Birla	CSE	Wipro	3.5
37	18EJCCS007	Aditya Sharma	CSE	ATCS/Wipro/TCS Ninja	4.5
38	18EJCCS008	Aditya Soni	CSE	Capgemini	4
39	18EJCCS009	Akshita Jain	CSE	Metacube	5.2
40	18EJCCS010	Aman Chaurasia	CSE	Infosys / HPE	5
41	18EJCCS012	Aman Saxena	CSE	Mothersons	3.5
42	18EJCCS013	Amit Agarwal	CSE	LTI-1 / Amazon	5
43	18EJCCS015	Anuj Jain	CSE	Infosys	5
44	18EJCCS016	Anuj Kumar Singhal	CSE	Scanpoint	4.2
45	18EJCCS018	Anurag Sharma	CSE	Wipro	3.6
46	18EJCCS020	Arin Mangal	CSE	Infosys	5
47	18EJCCS021	Arpit Jain	CSE	SinGzy	7
48	18EJCCS022	Arpita Agarwal	CSE	Infoedge/TCS Digital	7.25
49	18EJCCS023	Arya Khandelwal	CSE	HPE/Adobe	10
50	18EJCCS024	Aryan Khandelwal	CSE	Capgemini	4
51	18EJCCS026	Aryan Sharma	CSE	Accenture	4.5
52	18EJCCS027	Ashish Kochar	CSE	Entrust Global	4.5

53	18EJCCS028	Ashish Maheshwari	CSE	Metacube/Wipro	6.2
54	18EJCCS029	Asif Khan	CSE	Appcino	4.5
55	18EJCCS030	Atul Sisodiya	CSE	Infosys/LTI-1	3.6
56	18EJCCS031	Avinash Soni	CSE	Deloitte/ Amazon	8
57	18EJCCS032	Ayush Jain	CSE	Accenture/TCS Ninja	4.5
58	18EJCCS033	Ayushi Singhal	CSE	Celebal	5
59	18EJCCS034	Bhanesh Kumar Palliwal	CSE	Miniorange	9
60	18EJCCS035	Bhavika Jain	CSE	Infosys/Deloitte/Amazon	5
61	18EJCCS036	Bhavika Mittal	CSE	LTI-1	5
62	18EJCCS037	Bhumika Jain	CSE	HPE	10
63	18EJCCS039	Chirag Asawa	CSE	Metacube/Wipro	6.2
64	18EJCCS041	Danny Gupta	CSE	LTI-1	5
65	18EJCCS042	Deepak Arora	CSE	ATCS/Wipro/Samsung	4.5
66	18EJCCS043	Deepankar Raj	CSE	Appiness (Offcampus)	4.5
67	18EJCCS044	Deepansh Gupta	CSE	Capgemini	4
68	18EJCCS045	Deepesh Kumar Dhaker	CSE	Capgemini	4
69	18EJCCS049	Dharmvatsal Singh Chouhan	CSE	LTI-1	5
70	18EJCCS050	Dhurv Laddha	CSE	Accenture	4.5
71	18EJCCS051	Disha Jain	CSE	Hanu/Wipro	6
72	18EJCCS052	Divyansh Kumar Jangir	CSE	Tcs Digital	5
73	18EJCCS053	Farhan Ali	CSE	Entrust Global	4.5
74	18EJCCS054	Garvit Khandelwal	CSE	Capgemini	7.5
75	18EJCCS055	Garvit Malpani	CSE	TCS Ninja	4.5
76	18EJCCS056	Gaurav Sahu	CSE	Capgemini/Wipro	4
77	18EJCCS057	Gaurav Singh Shekhawat	CSE	Cloud Analogy	6
78	18EJCCS058	Girish Yadav	CSE	ATCS/Wipro	4.5
79	18EJCCS059	Happy Khandelwal	CSE	Accenture	4.5
80	18EJCCS060	Harasis Singh	CSE	HPE	10
81	18EJCCS061	Harsh Vardhan	CSE	Adv. Accenture/TCS Digital	6.5
82	18EJCCS062	Harsh Verma	CSE	Celebal/TCS Ninja	5
83	18EJCCS064	Harshita Agarwal	CSE	Accenture	4.5
84	18EJCCS065	Harshita Chaudhary	CSE	Accenture/Wipro/TCS Ninja/Samsung	4.5
85	18EJCCS067	Himanshi Kabra	CSE	Adv. Accenture/TCS Ninja	6.5
86	18EJCCS069	Himanshu Kumar Singh	CSE	AdWeb Solution	2.6
87	18EJCCS070	Hiten Sambhwani	CSE	Hanu	6
88	18EJCCS071	Indrajeet Singh Shekhawat	CSE	Wipro	3.5
89	18EJCCS073	Ishan Kapoor	CSE	Celebal	5
90	18EJCCS074	Ishita Jain	CSE	Capgemini	7.5
91	18EJCCS075	Ishita Tiwari	CSE	Sudrania/Wipro	7
92	18EJCCS076	Jalesh Khatri	CSE	Wonderbotz/Celebal/TCS Ninja/samsung	4.5
93	18EJCCS078	Jyoti Agarwal	CSE	Accenture	4.5
94	18EJCCS079	Jyoti Singhal	CSE	Accenture,Capgemini(7.5LPA)/Wipro/TCS N	4.5
95	18EJCCS080	Kanchan Jeswani	CSE	LTI-2	6.5
96	18EJCCS082	Kapil Garg	CSE	Deloitte	8
97	18EJCCS083	Kartik Joshi	CSE	ATCS/Wipro/TCS Ninja	4.5
98	18EJCCS085	Khushi Singhal	CSE	Accenture	4.5
99	18EJCCS086	Krati Mitra	CSE	Infosys/HPE/Cloudera	3.6
100	18EJCCS087	Kratik Khandelwal	CSE	Accenture,Capgemini	4.5
101	18EJCCS088	Krish Mantri	CSE	Accenture	4.5
102	18EJCCS089	Kunika Matoliya	CSE	Accenture	4.5
103	18EJCCS090	Lakshya Sharma	CSE	Celebal	5
104	18EJCCS091	Lokesh Mundra	CSE	Meditab	4.25
105	18EJCCS092	Maitri Bansal	CSE	Coforge	3.6
106	18EJCCS093	Manan Sharma	CSE	Accenture/Sudrania/Wipro	4.5
107	18EJCCS094	Manik Gupta	CSE	Adv. Accenture/ WIpro	6.5
108	18EJCCS095	Meenal Agarwal	CSE	Accenture/Sudrania	4.5
109	18EJCCS096	Meera Agrawal	CSE	Accenture/ Capgemini, Wipro	4.5
110	18EJCCS097	Mehul Jain	CSE	Infosys (3.6LPA)/HPE	3.6

111	18EJCCS099	Mohit Sharma	CSE	Wipro	3.5
112	18EJCCS100	Mudit Agrawal	CSE	Accenture/Sudrania	4.5
113	18EJCCS101	Mukund Maloo	CSE	Metacube/TCS Digital	5.2
114	18EJCCS102	Muskan Bhalawat	CSE	LTI-1	5
115	18EJCCS103	Muskan Maheshwari	CSE	LTI-1/Samsung	5
116	18EJCCS104	Nalin Goyal	CSE	HPE/LTI-2/Amazon	6.5
117	18EJCCS107	Nandini Singh	CSE	Accenture, Capgemini(7.5LPA), Wipro/TCS	4.5
118	18EJCCS109	Neha Prajapati	CSE	Sudrania	7
119	18EJCCS110	Nikhil Garg	CSE	ATCS	4.5
120	18EJCCS111	Nikhil Gupta	CSE	ATCS, Wipro/TCS Ninja/HPE	4.5
121	18EJCCS112	Nishkarsh Sharma	CSE	Accenture,Capgemini	4.5
122	18EJCCS113	Nishtha Garg	CSE	Infosys /HPE/Amazon	8
123	18EJCCS114	Nitin Khandelwal	CSE	Adnate IT Solutions	4
124	18EJCCS115	Nitin Kumar Sahu	CSE	Scanpoint	4.2
125	18EJCCS116	Nitin Mathur	CSE	Onething(Offcampus)	5
126	18EJCCS117	Nupur Sogani	CSE	Accenture	4.5
127	18EJCCS118	Pankaj Saini	CSE	Scanpoint	4.2
128	18EJCCS119	Pawan Kr Baldewa	CSE	Capgemini/ Wipro	4
129	18EJCCS120	Poorvi Agarwal	CSE	LTI-1	5
130	18EJCCS121	Pracheer Khandelwal	CSE	Capgemini/TCS Ninja	4
131	18EJCCS122	Prachi Mutha	CSE	Sudrania	7
132	18EJCCS123	Prashant Malav	CSE	Infosys /Metacube	3.6
133	18EJCCS126	Puneet Bhargava	CSE	Scanpoint	4.2
134	18EJCCS127	Punish Agarwal	CSE	Celebal M	5
135	18EJCCS128	Pushpendra Singh Gurjar	CSE	Metacube, Wipro	4.5
136	18EJCCS129	Radhika Kansal	CSE	Upflair	3
137	18EJCCS130	Rahul Jain	CSE	Accenture/TCS Ninja	4.5
138	18EJCCS131	Rahul Mundra	CSE	Metacube	4.5
139	18EJCCS132	Rahul Solanki	CSE	ATCS/TCS Digital/HPE	4.5
140	18EJCCS134	Rajat Pandey	CSE	Capgemini, Wipro/TCS Ninja/HPE	4
141	18EJCCS136	Raunak Kumar	CSE	Cloud Mentor, Wipro	6.5
142	18EJCCS137	Riddhi Jain	CSE	Infosys/HPE/Cloudera/Amazon	8
143	18EJCCS139	Rishabh Jain	CSE	TCS Ninja/Genus	3.5
144	18EJCCS140	Ritika Agarwal	CSE	Accenture/Sudrania	4.5
145	18EJCCS141	Riya Dhaked	CSE	Accenture, Wipro	4.5
146	18EJCCS142	Riya Khandelwal	CSE	HPE	10
147	18EJCCS143	Rohan Dhar	CSE	Infosys (5LPA)	5
148	18EJCCS144	Rohit Joseph	CSE	Accenture, wipro	4.5
149	18EJCCS145	Ronak Jain	CSE	Accenture/ Capgemini(4LPA)/TCS Digital	4.5
150	18EJCCS147	Sakshya Garg	CSE	Capgemini(4LPA), Wipro	4
151	18EJCCS148	Samridhi Jain	CSE	Infosys (3.6LPA)/Deloitte	3.6
152	18EJCCS149	Samyak Jain	CSE	Kogta Finance/TCS Ninja	5
153	18EJCCS151	Sanyam Jain	CSE	Accenture	4.5
154	18EJCCS152	Sarthak Bagherwal	CSE	Wipro	3.6
155	18EJCCS153	Sarthak Jain	CSE	Capgemini(4LPA)	4
156	18EJCCS154	Shalu Jangid	CSE	ATCS, Wipro,Synopsis	4.5
157	18EJCCS155	Shashwat Jain	CSE	Capgemini(7.5LPA), Wipro/TCS Digital	7.5
158	18EJCCS158	Shoaib Khan	CSE	Capgemini(4LPA)/TCS Ninja	4
159	18EJCCS159	Shreya Jain	CSE	Accenture	4.5
160	18EJCCS161	Shruti Jain	CSE	LTI-1/Sudrania	5
161	18EJCCS162	Shubh Gupta	CSE	LTI-1	5
162	18EJCCS163	Shubham Agarwal	CSE	MTX	10.4
163	18EJCCS164	Shubham Bhargava	CSE	Capgemini(4LPA), Wipro/TCS Ninja	4
164	18EJCCS166	Shubham Gupta	CSE	Capgemini(4LPA)/TCS Ninja	4
165	18EJCCS167	Shubham Jain	CSE	Accenture /Urban Network/Friscon	4.5
166	18EJCCS168	Siddharth Lodha	CSE	TCS Ninja/aavas finance/Scanpoint	3.5
167	18EJCCS169	Sonu Kumar Jha	CSE	Yudiz	3
168	18EJCCS171	Suraj Bansal	CSE	Capgemini, Wipro	7.5

169	18EJCCS173	Tanishq Gupta	CSE	Metacube	5.2
170	18EJCCS174	Tanmay Sharma	CSE	Capgemini, Wipro	4
171	18EJCCS175	Tilak Vijayvargiya	CSE	Accenture, Capgemini	4.5
172	18EJCCS176	Tushar Jain	CSE	Capgemini, Wipro	7.5
173	18EJCCS177	Tushar Sharma	CSE	Capgemini, Wipro/TCS Digital	7.5
174	18EJCCS178	Vaibhav Agarwal	CSE	ATCS/TCS Ninja	4.5
175	18EJCCS179	Vaibhav Jain	CSE	Board Infinity	7
176	18EJCCS180	Vaibhav Mathur	CSE	Hanu	6
177	18EJCCS181	Vaibhav Sharma	CSE	LTI-1/Sudrania	5
178	18EJCCS182	Vansh Kalra	CSE	Wipro/TCS Ninja	3.5
179	18EJCCS184	Varsha Kesnani	CSE	ATCS	4.5
180	18EJCCS185	Vartika Agrawal	CSE	Adnate IT Solutions/Ongraph/Hanu/TCS Dig	4
181	18EJCCS186	Vilsi Jain	CSE	Accenture	4.5
182	18EJCCS187	Vinay Saraf	CSE	Wipro	3.5
183	18EJCCS189	Vipul Goyal	CSE	LTI-1	5
184	18EJCCS190	Vishal Kumar	CSE	Wipro/TCS Ninja	3.5
185	18EJCCS192	Yash Sharma	CSE	Accenture	4.5
186	18EJCCS194	Yashika Khandelwal	CSE	Accenture	4.5
187	18EJCCS301	Manish Kumar	CSE	Capgemini, Wipro	4
188	18EJCCS302	Aanchal Bansal	CSE	Accenture, Wipro/TCS Ninja	4.5
189	18EJCCS303	Vinit Jain	CSE	LTI-1/Sudrania	5
190	18EJCCS304	Mridul Mittal	CSE	Capgemini	4
191	18EJCCS305	Pavini Garg	CSE	Accenture,Capgemini	4.5
192	18EJCCS701	Aarzoo Saluja	CSE	Samsung	7
193	18EJCCS702	Aayush Tiwari	CSE	Lenovo	7
194	18EJCCS703	Abhishek Dudhani	CSE	ATCS, Wipro	4.5
195	18EJCCS704	Abhishek Sahu	CSE	LTI-1/TCS Digital	5
196	18EJCCS705	Agam Jain	CSE	Infosys (5LPA)	5
197	18EJCCS707	Akshat Khandelwal	CSE	Accenture,Capgemini(7.5LPA)	4.5
198	18EJCCS708	Amit Agarwal	CSE	Accenture	4.5
199	18EJCCS709	Amit Gupta	CSE	Wonderbotz/Celebal_M	4.5
200	18EJCCS710	Anany Garg	CSE	Adv. Accenture/capgemini(4.0LPA), Wipro/	6.5
201	18EJCCS711	Ankit Singhal	CSE	ATCS	4.5
202	18EJCCS712	Anmol Ranjan	CSE	Upflair	3
203	18EJCCS713	Anshul Singh Sisodia	CSE	Board Infinity	7
204	18EJCCS714	Anuj Khandelwal	CSE	Accenture	5
205	18EJCCS715	Arnav Nagayech	CSE	Capgemini(4LPA), Wipro/HPE	4
206	18EJCCS717	Atul Singh Yadav	CSE	Capgimini	4.5
207	18EJCCS718	Avinash Shrangee	CSE	Meditab/Samsung	4.25
208	18EJCCS720	Charil Ambey Saini	CSE	Cloud Analogy/Square Yards	6
209	18EJCCS721	Chirag Nagar	CSE	Metacube/TCS Ninja	5.7
210	18EJCCS722	Devendra Sharma	CSE	Capgemini/TCS Ninja	4
211	18EJCCS724	Ishwar Singh Shekhawat	CSE	Mothersons	3.5
212	18EJCCS725	Jaydeep Pareek	CSE	Cloud Analogy	6
213	18EJCCS726	Kanika Kumawat	CSE	Accenture	5
214	18EJCCS727	Karan Khandelwal	CSE	Metacube	5.3
215	18EJCCS728	Kartik Bhatia	CSE	Metacube/TCS Ninja	5.7
216	18EJCCS729	Kritik Yadav	CSE	Meditab/TCS Ninja	4.25
217	18EJCCS730	Manan Gupta	CSE	Adnate IT solutions	4
218	18EJCCS732	Mayank Sharma	CSE	Adv. Accenture	6.5
219	18EJCCS733	Mehul Kulshrestha	CSE	LTI-2	6.5
220	18EJCCS734	Nishtha Maheshwari	CSE	Traction on Demand	6.2
221	18EJCCS735	Nitish Soni	CSE	Miniorange	8
222	18EJCCS736	Parag Dutt Sharma	CSE	Cap Coding	7.5
223	18EJCCS737	Parth Sharma	CSE	SSTPL	2.6
224	18EJCCS738	Prabhdeep Singh	CSE	Capgemini/TCS Ninja	4
225	18EJCCS739	Pragya Vitthal	CSE	Coforge	3.6
226	18EJCCS741	Pryas Jain	CSE	ATCS, Wipro	4.5

227	18EJCCS742	Puneet Goyal	CSE	Accenture	4.5
228	18EJCCS743	Ravi Jangid	CSE	Celebal, Wipro/TCS Ninja	5
229	18EJCCS744	Ritik Chopra	CSE	Miniorange	9
230	18EJCCS745	Ritik Saluja	CSE	Talent Ployer	1.44
231	18EJCCS746	Rounak Garg	CSE	Capgemini	4
232	18EJCCS747	Sanchit Gupta	CSE	Appcino	4.5
233	18EJCCS750	Shubham Bhardwaj	CSE	Capgemini	4
234	18EJCCS752	Siddharth Kavadia	CSE	Adv. Accenture	6.5
235	18EJCCS753	Siddharth Singhvi	CSE	Capgemini	4
236	18EJCCS754	Sparsh Khandelwal	CSE	Ongraph/MTX	4
237	18EJCCS755	Tamanna Mahnot	CSE	LTI-2	6.5
238	18EJCCS757	Yash Lath	CSE	ATCS, Wipro/TCS Ninja	4.5
239	18EJCCS758	Yash Sharma	CSE	360 Degree cloud	3.6
240	19EJCCS202	Daksh Jangid	CSE	DSV	5
241	19EJCCS203	Lakshita Sharma	CSE	E Clinical / HPE	10
242	18EJCEC001	Aakash Chamoli	ECE	Adweb	2.6
243	18EJCEC003	Abhinav Dadhich	ECE	Thrillophilia/Yudiz(offcampus)	2.5
244	18EJCEC005	Abhishek Dave	ECE	Wipro/tcs Ninja	3.6
245	18EJCEC006	Abhishek Jain	ECE	LTI, Wipro/TCS Ninja	8
246	18EJCEC007	Aditya Yadav	ECE	Planet spark	6.5
247	18EJCEC009	Akash Arora	ECE	Cloud Analogy/TCS Ninja	6
248	18EJCEC011	Akshat Todi	ECE	MetaCube	5.2
249	18EJCEC012	Akshay Kumar Beniwal	ECE	Squareyards	6
250	18EJCEC014	Aman Jain	ECE	Accenture	4.5
251	18EJCEC015	Aman Kumar Jangir	ECE	Meditab/TCS Ninja	4.25
252	18EJCEC016	Amit Kumar Chhipa	ECE	Metacube/TCS Ninja	5.2
253	18EJCEC017	Anchal Madnani	ECE	Coforge ,birlasoft/TCS Ninja	3.6
254	18EJCEC018	Anjali	ECE	Accenture, Wipro/TCS Ninja	4.5
255	18EJCEC019	Ankit Kumar Sharma	ECE	wipro	3.6
256	18EJCEC023	Arushi Jain	ECE	LTI	8
257	18EJCEC024	Aryan Jain	ECE	Capgemini,Wipro/TCS Ninja	4.5
258	18EJCEC025	Ashish Jain	ECE	Capgemini/TCS Ninja	4.5
259	18EJCEC026	Ashish Jangid	ECE	Flit Webs	3
260	18EJCEC027	Ashish Mangal	ECE	Capgemini	4.5
261	18EJCEC028	Ashish Raj	ECE	Cloud Analogy	6
262	18EJCEC029	Ashish Yadav	ECE	Metacube Software Pvt Ltd	5.2
263	18EJCEC030	Ashok Singh Gurjar	ECE	Accenture	4.5
264	18EJCEC031	Ashutosh Kaushik	ECE	DYT(OFF Campus)	5
265	18EJCEC033	Ashya Jain	ECE	Justdial	3.25
266	18EJCEC035	Astha Goyal	ECE	Metacube, Wipro/TCS Ninja	5.2
267	18EJCEC037	Ayush Kumar	ECE	Capegemini,Wipro	4.5
268	18EJCEC038	Ayush Sharma	ECE	wipro	3.6
269	18EJCEC039	Ayushi Prajapati	ECE	Coforge	3.6
270	18EJCEC040	Bhumi Gajjar	ECE	Capegmini, wipro	4.5
271	18EJCEC041	Bhupendar Sharma	ECE	Talent Ployer	1.44
272	18EJCEC042	Charul Bhati	ECE	Flit Webs	3
273	18EJCEC043	Chhaya Agarwal	ECE	LTI	8
274	18EJCEC044	Chirag Mahajan	ECE	Accenture	4.5
275	18EJCEC045	Darshan Nahata	ECE	Accenture/Samsung	4.5
276	18EJCEC046	Devanshi Gautam	ECE	Metacube	5.2
277	18EJCEC047	Devanshi Nehra	ECE	Wipro	3.6
278	18EJCEC048	Devhuti Joshi	ECE	Capgemini	4.5
279	18EJCEC049	Dheeren Mittal	ECE	Espoir	3
280	18EJCEC050	Digvijay Singh	ECE	Meditab	4.25
281	18EJCEC051	Deepanshu Tomer	ECE	Square yards	6
282	18EJCEC054	Gargi Jaiman	ECE	Wipro	3.6
283	18EJCEC055	Garima Goyal	ECE	Accenture	4.5
284	18EJCEC056	Gaurang Singhal	ECE	Appacino/Samsung	4.5

285	18EJCEC057	Gaurav Agrawal	ECE	Cloud Analogy	6
286	18EJCEC059	Harsh Kumar Jarthal	ECE	Metacube	5.2
287	18EJCEC060	Harshit Jaiswal	ECE	Melhua	4
288	18EJCEC061	Harshita Jain	ECE	Capgemini/TCS Ninja	4.5
289	18EJCEC063	Himanshu Jangid	ECE	Capgimini	4.5
290	18EJCEC064	Himanshu Kapoor	ECE	Meditab	4.25
291	18EJCEC065	Himanshu Sahu	ECE	JTC Jalan, Wipro	3.75
292	18EJCEC069	Isha Gothi	ECE	Wipro,TCS,Thrillophilia	3.6
293	18EJCEC070	Ishika Chabra	ECE	Capgemini/tcs ninja	4.5
294	18EJCEC072	Jatin Balani	ECE	360 Degree Cloud, Wipro	4.5
295	18EJCEC075	Kaushal Khandal	ECE	Square yards	6
296	18EJCEC076	Kaushal Sharma	ECE	Pratham Software, Wipro	3.75
297	18EJCEC077	Khushal Vijay	ECE	Wipro	3.6
298	18EJCEC078	Khushbu Jethwani	ECE	capgemini,wipro	4.5
299	18EJCEC080	Kritika Bohra	ECE	Thrillophilia/TCS Ninja/EY	4.3
300	18EJCEC082	Lekhraj Paliwal	ECE	Capgemini , Wipro	4.5
301	18EJCEC087	Mayank Jain	ECE	Capgemini	4.5
302	18EJCEC088	Mayur Mangal	ECE	Cloud Analogy	6
303	18EJCEC091	Mohit Khandelwal	ECE	Metacube/TCS Ninja	5.2
304	18EJCEC093	Mudit Singhal	ECE	Cloud Analogy	6
305	18EJCEC094	Naveen Kumar Sharma	ECE	Metacube	5.2
306	18EJCEC097	Niharika Mishra	ECE	HPE	10
307	18EJCEC098	Nikhil Khandelwal	ECE	Cyntexa(OFF Campus)	4.3
308	18EJCEC100	Nitesh Sirohi	ECE	Melhua	4
309	18EJCEC101	Nitin Kumar	ECE	Meditab	4.25
310	18EJCEC105	Parth Sharma	ECE	Cap Coding	7.5
311	18EJCEC106	Piyush Jain	ECE	Yudiz/Naggaro(Off Campus)	4.5
312	18EJCEC107	Prachi Sinha	ECE	Accenture/TCS Ninja/Samsung	4.5
313	18EJCEC108	Pradhumn Singh Parihar	ECE	Wipro/Planet spark	6.5
314	18EJCEC111	Prateek Gautam	ECE	Infosys	5
315	18EJCEC112	Pratibha Bothra	ECE	Capgemini, Wipro	4.5
316	18EJCEC114	Priya Singh	ECE	Flit Webs	3
317	18EJCEC115	Priyanshi Agarwal	ECE	Accenture	4.5
318	18EJCEC117	Puru Soni	ECE	UpFlairs Pvt. LTD./Practo	7
319	18EJCEC120	Rashi Gupta	ECE	Metacube	5.2
320	18EJCEC121	Ravi Sain	ECE	Espoir/Desire Power	3
321	18EJCEC122	Rishit Mangal	ECE	Appcino, wipro	4.5
322	18EJCEC123	Ritika Sharma	ECE	LTI	8
323	18EJCEC126	Ronak Mathur	ECE	TCS Ninja	3.5
324	18EJCEC127	Saakshi Goswami	ECE	Flit Webs/SSTPL	3
325	18EJCEC128	Sagar Gurnani	ECE	Espoir	3
326	18EJCEC129	Sakshi Natani	ECE	Wipro	3.6
327	18EJCEC130	Sakshi Singh	ECE	Espoir	3
328	18EJCEC131	Saloni Gangwal	ECE	Wipro, Coforge	3.6
329	18EJCEC132	Saloni Vyas	ECE	Celebal technologies, Wipro/TCS Ninja	5
330	18EJCEC133	Samyak Jain	ECE	Thrillophilia	2.5
331	18EJCEC134	Sankalp Negi	ECE	Wipro/TCS Ninja/Samsung	3.6
332	18EJCEC135	Sarthak Agrawal	ECE	ZS ASSOCIATES, LTI	12.84
333	18EJCEC136	Satvik Jain	ECE	Accenture, Wipro/TCS Ninja	4.5
334	18EJCEC138	Saurabh Jain	ECE	CRMIT	4
335	18EJCEC139	Seema Joshi	ECE	Appacino	4.5
336	18EJCEC140	Shailvi	ECE	Accenture	4.5
337	18EJCEC142	Shikha Jain	ECE	LTI	8
338	18EJCEC143	Shivam Gupta	ECE	Metacube	5.2
339	18EJCEC144	Shivgautam Agrawal	ECE	Kogta Finance/Fev India	5
340	18EJCEC145	Shrey Bhargava	ECE	ZS Associates	12.84
341	18EJCEC146	Shreya Sharma	ECE	Accenture	4.5
342	18EJCEC148	Shubh Kohli	ECE	Yudiz solutions pvt ltd	3

343	18EJCEC151	Shubham Srivastava	ECE	Meditab	4.25
344	18EJCEC152	Siddharth Jain	ECE	Wipro	3.6
345	18EJCEC153	Srashti Gupta	ECE	Wipro	3.6
346	18EJCEC154	Stuti Jain	ECE	Traction On Demand/tcs ninja	6.2
347	18EJCEC155	Sulekha Gupta	ECE	Wipro, coforge	3.6
348	18EJCEC156	Sumit Kumar	ECE	Meditab	4.25
349	18EJCEC158	Sumit Sanghi	ECE	Cloud Analogy	6
350	18EJCEC160	Swastik Amera	ECE	Planet Spark	6.5
351	18EJCEC161	Ms Tanu Sawlani	ECE	Fev India	5
352	18EJCEC164	Vanshika Bordia	ECE	Capgemini,wipro	3.5
353	18EJCEC168	Vinit Khandal	ECE	Meditab/TCS Ninja/Square Yards/Fev India	4.25
354	18EJCEC171	Yash Beniwal	ECE	Appcino Technologies/Samsung	4.5
355	18EJCEC173	Yashraj Singh Chauhan	ECE	Planet Spark	6.5
356	18EJCEC174	Yojana Jaimini	ECE	Accenture,Wipro	4.5
357	18EJCEE001	Aman Pareek	EE	Justdial	3.25
358	18EJCEE005	Anshuman Sharma	EE	Thrillophilia	2.5
359	18EJCEE008	Arpan Nyati	EE	Wipro/TCS Ninja	3.5
360	18EJCEE009	Arpit Jain	EE	Wipro	3.5
361	18EJCEE010	Ayush Aswal	EE	Pinnacle	3
362	18EJCEE018	Gaurang Pareek	EE	Upflair/Planet spark	3
363	18EJCEE020	Gourav Sharma	EE	upgrad	7.5
364	18EJCEE022	Harshit Jain	EE	Pinnacle	3
365	18ejcee023	Harshit Tiwari	EE	Wipro/Square Yards	3.5
366	18EJCEE024	Harshita Jamer	EE	Accenture	4.5
367	18EJCEE025	Himanshu Sen	EE	Capgemini	4
368	18ejcee028	Jawwad Habib	EE	Upflair	3
369	18EJCEE029	Kapil Goyal	EE	Pinnacle/Friscon	3
370	18EJCEE030	Kapil Kumawat	EE	Friscon	2.8
371	18EJCEE031	Kartik Yadav	EE	Espoir	3
372	18EJCEE032	Kartikeya Suwalka	EE	TCS Ninja/Pinnacle	3.5
373	18EJCEE033	Khagesh Kumar Gaur	EE	TCS Ninja	3.5
374	18EJCEE040	Manish Jain	EE	Desire Power	3
375	18EJCEE043	Manoj Vaishnav	EE	Justdial/Square Yards	3.25
376	18EJCEE044	Mehul Kumawat	EE	Capgemini	4
377	18EJCEE045	Milind Kumar	EE	Wipro/TCS Ninja	3.5
378	18EJCEE049	Muhammad Shavez Khan	EE	Continental Enginees	3
379	18EJCEE050	Naman Khandelwal	EE	Wipro	3.5
380	18EJCEE051	Nidant Sharma	EE	Board Infinity	7
381	18EJCEE054	Parul Dhayal	EE	Accenture	4.5
382	18EJCEE056	Piyush Soni	EE	Espoir/Samsung	7
383	18EJCEE057	Praduman Singh Rajawat	EE	Square yards	6
384	18EJCEE059	Preksha Agrawal	EE	LTI	8
385	18EJCEE061	Raghav Bhardwaj	EE	Pinnacle	3
386	18EJCEE064	Rajat Sharma	EE	Pinnacle	3
387	18EJCEE066	Rajesh Kumar	EE	Accenture	4.5
388	18EJCEE067	Rakshit Purohit	EE	Accenture/Wipro	6.5
389	18EJCEE069	Ravi Choudhary	EE	Talent Ployer	1.44
390	18EJCEE070	Ravi Kumar Yadav	EE	Pinnacle	3
391	18EJCEE073	Saurabh Agrawal	EE	Pinnacle	3
392	18ejcee074	Shashank Sharma	EE	Melhua	4
393	18EJCEE075	Shivang Sharma	EE	TCS Ninja	3.5
394	18EJCEE076	Shoaib Aziz	EE	Appcino	4.5
395	18EJCEE077	Shubham Bhargava	EE	Wipro	3.5
396	18EJCEE079	Shubham Mittal	EE	E-Ashwa Automotive	1.8
397	18EJCEE082	Tushar Hemnani	EE	Capgemini	4.5
398	18EJCEE085	Vibha Yadav	EE	Chegg India	4
399	18EJCEE087	Vishesh Agarwal	EE	Capgemini/Wipro/Samsung	4
400	18EJCEE089	Yash Panwar	EE	Wipro	3.5

401	18EJCEE090	Yuvraj Singh Shaktawat	EE	Capgemini/Wipro	4
402	19EJCEE202	Ashwin Sharma	EE	Melhua	4
403	19ejcee204	Pranshu Pareek	EE	Melhua	4
404	16EJCIT035	Jatin Sharma	IT	ATCS/ Wipro	5
405	18EJCIT003	Abhinav Goyal	IT	ALL E Technologies	5
406	18EJCIT004	Abhishek Kumar Sinha	IT	Celebal /TCS Ninja	5
407	18EJCIT005	Aditya Bhatnagar	IT	Capgemini	4
408	18EJCIT006	Aishwarya Harsh	IT	HPE	10
409	18EJCIT007	Akshat Pareek	IT	Wipro/Coforge/TCS Ninja	3.65
410	18EJCIT009	Aman Agarwal	IT	LTI Level 1	5
411	18EJCIT011	Aman Dhing	IT	TCS Ninja	3.5
412	18EJCIT012	Aman Dokania	IT	HPE, INFOSYS (5 LPA)	11.5
413	18EJCIT013	Aman Kedia	IT	LTI Level 2	5
414	18EJCIT014	Aman Sharma	IT	Daffodil/Samsung	5
415	18EJCIT015	Aniket Jain	IT	Cap Coding/TCS Ninja	7.5
416	18EJCIT016	Animesh Mathur	IT	Hanu Software,Infosys	9
417	18EJCIT017	Anirudh Sharma	IT	Accenture/Samsung	4.5
418	18EJCIT018	Anirudhi Thanvi	IT	Capgemini,Wipro,Infosys	9
419	18EJCIT019	Ankit Bansal	IT	Yudiz/SevenX	3
420	18EJCIT020	Anul Jain	IT	ATCS/TCS Ninja	5
421	18EJCIT021	Arbaz Hussain	IT	Entrust Global	4.5
422	18EJCIT022	Arushi Jain	IT	INFOSYS (5 LPA)	5
423	18EJCIT023	Aryan Changal	IT	LTI Level 1/TCS Ninja	5
424	18EJCIT024	Ashish Shrivastav	IT	Capgemini/TCS Ninja/MTX	4
425	18EJCIT025	Ayush Bansal	IT	Kogta Finance	5
426	18EJCIT026	Bhanvi Menghani	IT	Adv. Accenture	6.5
427	18EJCIT028	Dewang Agarwal	IT	Capgemini/ Wipro	4
428	18EJCIT030	Faizan Ahamed	IT	Upflair	3
429	18EJCIT031	Garvita Jain	IT	Wipro	3.75
430	18EJCIT032	Gaurav Sharma	IT	Capgemini/TCS Ninja/Samsung	4
431	18EJCIT033	Guhika Bhandari	IT	Capgemini	4
432	18EJCIT034	Harshit Sachdeva	IT	Sudrania/TCS Ninja	5
433	18EJCIT035	Harshit Sharma	IT	Planet spark	7
434	18EJCIT036	Harshit Sharma	IT	Planet spark	6.5
435	18EJCIT037	Himanshu Kudal	IT	Metacube phase 2	5.2
436	18EJCIT038	Himanshu Singhal	IT	ATCS(OFF Campus)	5
437	18EJCIT039	Ishika Garg	IT	Accenture/ Wipro/Samsung	4.5
438	18EJCIT043	Khushboo Jain	IT	Accenture/ZS Associates/ Wipro/TCS Ninja	12.84
439	18EJCIT044	Khushi Singhal	IT	Capgemini	4
440	18EJCIT045	Lokesh Acharya	IT	Capgemini/TCS Digital	4
441	18EJCIT047	Mayank Kumar Batwal	IT	Capgemini/ Wipro	4
442	18EJCIT048	Megha Agarwal	IT	Cap Coding/ Wipro	7.5
443	18EJCIT049	Mridul Khandelwal	IT	LTI Level 2	5
444	18EJCIT050	Muskan Slathia	IT	Board Infinity	7
445	18EJCIT052	Nikhil Soni	IT	ATCS	5
446	18EJCIT053	Nishant Arora	IT	Synoriq	4.5
447	18EJCIT054	Nitu Kumawat	IT	Accenture	4.5
448	18EJCIT057	Parul Jain	IT	Hashedin	8
449	18EJCIT058	Piyush Kothari	IT	LTI Level 1/ Wipro	5
450	18EJCIT059	Pooja Agarwal	IT	Accenture/ Wipro/Samsung	4.5
451	18EJCIT060	Prachi Joshi	IT	Accenture/Sudrania	7
452	18EJCIT062	Prajjwal Gidwani	IT	HPE, INFOSYS (5 LPA)/Amazon	44
453	18EJCIT063	Raghav Sharma	IT	Yudiz/TCS Ninja/Samsung	5
454	18EJCIT064	Raj Shrivastava	IT	Wipro/Coforge	3.65
455	18EJCIT066	Rishabh Jain	IT	360 Degree Cloud	3.6
456	18EJCIT067	Rishav Sharma	IT	Cap Coding/ Wipro/TCS Ninja	7.5
457	18EJCIT068	Rohan Jain	IT	ALL E Technologies	5
458	18EJCIT069	Rohit Sharma	IT	Capgemini/TCS Ninja	4

459	18EJCIT070	Sahil Khandelwal	IT	Yudiz	3
460	18EJCIT072	Sakshi Mishra	IT	Capgemini/ Wipro/tcs ninja	4
461	18EJCIT073	Sanjana	IT	Infosys(OFF Campus)	5
462	18EJCIT075	Sarthak Arya	IT	ATCS/ Wipro	5
463	18EJCIT077	Shivansh Khandelwal	IT	Accenture/Capgemini/TCS Ninja	4.5
464	18EJCIT078	Shlok Pandit	IT	wipro	3.5
465	18EJCIT079	Shradha Gupta	IT	Accenture/Sudrania	7
466	18EJCIT080	Shubham Sain	IT	Friscon/Genus	5.5
467	18EJCIT081	Siddarth Jain	IT	Capgemini	4
468	18EJCIT082	Sneha Gupta	IT	Accenture	4
469	18EJCIT083	Sonakshi Sikhwal	IT	INFOSYS (3.6 LPA)/Adv. Accenture/TCS Ni	4
470	18EJCIT085	Tanisha Modi	IT	HPE(Intern)	11.5
471	18EJCIT086	Vaibhav Sharma	IT	Sudrania	7
472	18EJCIT088	Versha Krishnani	IT	Capgemini	4
473	18EJCIT089	Yash Garg	IT	Accenture	4.5
474	18EJCIT090	Yash Ojha	IT	Meditab	4
475	18EJCIT091	Yogya Chhatwani	IT	Metacube 5.2 lpa/ Wipro/Accenture	5.2
476	18EJCIT301	Neha Jain	IT	Accenture	4.5
477	18EJCIT302	Vaishali Goyal	IT	HPE,Amazon(OFF Campus)	44
478	18EJCIT303	Hitesh Harsh	IT	Capgemini	4
479	18EJCIT304	Aman Dakhera	IT	LTI Level 1/TCS Ninja	5
480	18EJCIT305	Abin Varghese	IT	ATCS/ Wipro/TCS Ninja	5
481	18EJCIT307	Manoj Jain	IT	Practo	7.5
482	18EJCME002	Aaryansh Pandey	ME	Pinnacle	3
483	18EJCME005	Abhishek Jadon	ME	Desire Power	3
484	18EJCME006	Abhishek Kumar	ME	D2O	3
485	18EJCME007	Abhishek Sharma	ME	Baba Automobile	3
486	18EJCME008	Abhishek Sharma	ME	Thrillophilia, Upflairs	3.6
487	18EJCME013	Akshat Chaturvedi	ME	Talent Ployer,NTF	3.5
488	18EJCME014	Akshat Jain	ME	Mehula	4
489	18EJCME017	Aman Khan	ME	Pinnacle	3
490	18EJCME018	Ambar Shukla	ME	Pinnacle/Desire Power	3
491	18EJCME019	Amit Mahur	ME	Square yards	6
492	18EJCME020	Aniket Maheshwari	ME	Desire Power/Melhua	3
493	18EJCME022	Ankur Sharma	ME	Baba Automobile/Desire Power	3
494	18EJCME027	Aryan Baheti	ME	Synoriq	4.5
495	18EJCME030	Ashutosh Singh Jat	ME	Baba Automobile	3
496	18EJCME031	Ashutosh Yadav	ME	Baba Automobile	3
497	18EJCME033	Badal Singh Shekhawat	ME	Pinnacle	3
498	18EJCME037	Deepak Moolani	ME	WIPRO/TCS Ninja	3.5
499	18EJCME038	Deepak Saini	ME	Continental Enginees	3
500	18EJCME039	Deepak Sharma	ME	Square yards	6
501	18EJCME041	Devang Vaishnav	ME	Baba Automobile/TCS Ninja	3
502	18EJCME044	Divya Bharti	ME	Pinnacle	3
503	18EJCME047	Govind Singh Kushwah	ME	SIPL(OFF Campus)	2.85
504	18EJCME049	Harsh Soni	ME	TCS	3.5
505	18EJCME052	Himanshu Khatwani	ME	TCS Ninja	3.5
506	18EJCME053	Hitarth Singh Hada	ME	Pinnacle	3
507	18EJCME054	Inderjeet Singh Yadav	ME	Pinnacle	3
508	18EJCME055	Jai Parkash	ME	Baba Automobile/Pinnacle	3
509	18EJCME056	Jaiveer Singh	ME	Desire Power	3
510	18EJCME057	Kartik Gupta	ME	WIPRO	3.5
511	18EJCME061	Kuldeep Vaishnav	ME	TCS Ninja	3.5
512	18EJCME062	Kunal Gurjar	ME	WIPRO	3.5
513	18EJCME063	Lakshendra Suman	ME	Whitehat	2.4
514	18EJCME064	Lakshay Khandelwal	ME	Capgemini(OFF Campus)	4.5
515	18EJCME066	Lokesh Kumawat	ME	Baba Automobile	1.8
516	18EJCME067	Mahendra Singh Solanki	ME	WIPRO/TCS Ninja	3.5

517	18EJCME068	Manish Choudhary	ME	Continental Enginees	3
518	18EJCME069	Manish Suthar	ME	Accenture/TCS Ninja	4.5
519	18EJCME075	Naman Agrawal	ME	NTF	3.5
520	18EJCME076	Narendra Singh Rao	ME	Pinnacle	3
521	18EJCME077	Naveen Poptani	ME	Baba Automobile	1.8
522	18EJCME078	Naveen Verma	ME	Metacube/TCS Digital	5.2
523	18EJCME079	Navneet Kumar	ME	Great Champ/Continental Enginees	5
524	18EJCME080	Nikhil Kumar Sahu	ME	Capgemini(OFF Campus)	4.5
525	18EJCME081	Nikhil Nuwal	ME	Accenture	4.5
526	18EJCME082	Nikhil Sharma	ME	Baba Automobile	1.8
527	18EJCME084	Piyush Agarwal	ME	TCS Ninja	3.5
528	18EJCME085	Piyush Shoora	ME	Pinnacle	3
529	18EJCME087	Prajjwal Shrotriya	ME	Upflairs, WIPRO,Baba Automobiles	3.5
530	18EJCME088	Prakhar Jain	ME	Pinnacle/Desire Power	3
531	18EJCME089	Prince Soni	ME	Thrillophilia	3.6
532	18EJCME090	Priyansh Gupta	ME	Baba Automobile	1.8
533	18EJCME091	Pushpendra Kumar Mangal	ME	E-Ashawa	1.8
534	18EJCME092	Rahul Jangir	ME	Upflairs	3
535	18EJCME104	Sandeep Kumar Ameta	ME	Practo/Continental Enginees/Wonder Ceme	7.5
536	18EJCME105	Sanskar Jangid	ME	Upflairs	3
537	18EJCME106	Satvik Sain	ME	WIPRO	3.5
538	18EJCME107	Shailesh Kalwar	ME	Mehula	4
539	18EJCME108	Shaurya Pratap Singh Godar	ME	Upflairs, Baba Automobile	3
540	18EJCME111	Shivansh Singh	ME	WIPRO	3.5
541	18EJCME114	Sourabh Sikka	ME	WIPRO	3.5
542	18EJCME115	Tanay Vijay	ME	WIPRO/TCS Ninja	3.5
543	18EJCME120	Vishal Kumar Sharma	ME	Wonder Cement	4
544	19EJCME201	Kunal Sharma	ME	Continental Enginees	3
545	19EJCME202	Rajora Tushar Surendra	ME	Baba Automobile,Great Champ	1.8
546	19EJCME203	Ritvik Shringi	ME	NTF	3.5

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Ph. No.0141-2770232, 2770120
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Percentage of Student Placed (Above 3.5 Lac)

Student Enrolled	:	834
Student Placed	:	546
Student Placed above 3.5Lac	:	460
Percentage of Student above 3.5 Lac	:	$\frac{460}{546} * 30$
	:	$0.84 * 30$
	:	25.42

Points 26

QIV

Session 2022-23 (RTU)

Jaipur Engineering College and Research Centre, Jaipur

Placement Details 2021-22 (Above 3.5 LPA)

S#	Roll No	Name	Branch	Company Name	Package in Lacs
1	18EJCCE011	Akhilesh Ojha	CE	Golden Inches Realtors/Pinnacle	3.6
2	18EJCCE014	Anjali Mahawar	CE	Golden Inches Realtors/Wipro	3.6
3	18EJCCE017	Anuj Kumar Vijay	CE	Ashiana Housing	3.5
4	18EJCCE023	Bhupendra Singh Rajpurohit	CE	Accenture	4.25
5	18EJCCE024	Chandradeep Singh Shekhawat	CE	Ashiana Housing,Shree Cement	3.5
6	18EJCCE028	Dhanujay Nain	CE	METACUBE	6
7	18EJCCE031	Divyansh Pareek	CE	Golden Inches Realtors/Practo	3.6
8	18EJCCE036	Harsh Jarwal	CE	Melhua	4
9	18EJCCE041	Harshit Gupta	CE	Adv Accenture	6
10	18EJCCE043	Hitesh Kumar	CE	Unschool/Briskminds	5
11	18EJCCE045	Jaspinder Kaur	CE	Ashiana Housing	3.5
12	18EJCCE049	Kuldeep Suthar	CE	Accenture/TCS Ninja	4.25
13	18EJCCE057	Mo Roman	CE	Golden Inches Realtors	3.6
14	18EJCCE063	Neelam Meena	CE	Wipro	4.25
15	18EJCCE065	Neha Mehar	CE	Wipro/TCS Ninja	4.25
16	18EJCCE082	Priyesh Unnithan	CE	Ashiana Housing	3.5
17	18EJCCE094	Sanchay Agrawal	CE	Siterecon	4.5
18	18EJCCE095	Sanjana Biraniya	CE	Golden Inches Realtors	3.6
19	18EJCCE302	Ravi Sharma	CE	Melhua	4
20	19EJCCE200	Danish Siddiqui	CE	Golden Inches Realtors	3.6
21	18EJCCS001	Aastha Agarwal	CSE	Accenture/TCS Ninja/Samsung	4.5
22	18EJCCS002	Aayushi Bahukhandi	CSE	HPE	10
23	18EJCCS003	Abhishek Rathore	CSE	Coforge	3.6
24	18EJCCS004	Aditi Birla	CSE	Capgemini (7.5LPA)/ Wipro	7.5
25	18EJCCS005	Aditya Birla	CSE	Wipro	3.5
26	18EJCCS007	Aditya Sharma	CSE	ATCS/Wipro/TCS Ninja	4.5
27	18EJCCS008	Aditya Soni	CSE	Capgemini	4
28	18EJCCS009	Akshita Jain	CSE	Metacube	5.2
29	18EJCCS010	Aman Chaurasia	CSE	Infosys / HPE	5
30	18EJCCS012	Aman Saxena	CSE	Mothersons	3.5
31	18EJCCS013	Amit Agarwal	CSE	LTI-1 / Amazon	5
32	18EJCCS015	Anuj Jain	CSE	Infosys	5
33	18EJCCS016	Anuj Kumar Singhal	CSE	Scanpoint	4.2
34	18EJCCS018	Anurag Sharma	CSE	Wipro	3.6
35	18EJCCS020	Arin Mangal	CSE	Infosys	5
36	18EJCCS021	Arpit Jain	CSE	SinGzy	7
37	18EJCCS022	Arpita Agarwal	CSE	Infoedge/TCS Digital	7.25
38	18EJCCS023	Arya Khandelwal	CSE	HPE/Adobe	10
39	18EJCCS024	Aryan Khandelwal	CSE	Capgemini	4
40	18EJCCS026	Aryan Sharma	CSE	Accenture	4.5
41	18EJCCS027	Ashish Kochar	CSE	Entrust Global	4.5
42	18EJCCS028	Ashish Maheshwari	CSE	Metacube/Wipro	6.2
43	18EJCCS029	Asif Khan	CSE	Appcino	4.5
44	18EJCCS030	Atul Sisodiya	CSE	Infosys/LTI-1	3.6
45	18EJCCS031	Avinash Soni	CSE	Deloitte/ Amazon	8
46	18EJCCS032	Ayush Jain	CSE	Accenture/TCS Ninja	4.5
47	18EJCCS033	Ayushi Singhal	CSE	Celebal	5
48	18EJCCS034	Bhanesh Kumar Palliwal	CSE	Miniorange	9
49	18EJCCS035	Bhavika Jain	CSE	Infosys/Deloitte/Amazon	5
50	18EJCCS036	Bhavika Mittal	CSE	LTI-1	5
51	18EJCCS037	Bhumika Jain	CSE	HPE	10

52	18EJCCS039	Chirag Asawa	CSE	Metacube/Wipro	6.2
53	18EJCCS041	Danny Gupta	CSE	LTI-1	5
54	18EJCCS042	Deepak Arora	CSE	ATCS/Wipro/Samsung	4.5
55	18EJCCS043	Deepankar Raj	CSE	Appiness (Offcampus)	4.5
56	18EJCCS044	Deepansh Gupta	CSE	Capgemini	4
57	18EJCCS045	Deepesh Kumar Dhaker	CSE	Capgemini	4
58	18EJCCS049	Dharmvatsal Singh Chouhan	CSE	LTI-1	5
59	18EJCCS050	Dhurv Laddha	CSE	Accenture	4.5
60	18EJCCS051	Disha Jain	CSE	Hanu/Wipro	6
61	18EJCCS052	Divyansh Kumar Jangir	CSE	Tcs Digital	5
62	18EJCCS053	Farhan Ali	CSE	Entrust Global	4.5
63	18EJCCS054	Garvit Khandelwal	CSE	Capgemini	7.5
64	18EJCCS055	Garvit Malpani	CSE	TCS Ninja	4.5
65	18EJCCS056	Gaurav Sahu	CSE	Capgemini/Wipro	4
66	18EJCCS057	Gaurav Singh Shekhawat	CSE	Cloud Analogy	6
67	18EJCCS058	Girish Yadav	CSE	ATCS/Wipro	4.5
68	18EJCCS059	Happy Khandelwal	CSE	Accenture	4.5
69	18EJCCS060	Harasis Singh	CSE	HPE	10
70	18EJCCS061	Harsh Vardhan	CSE	Adv. Accenture/TCS Digital	6.5
71	18EJCCS062	Harsh Verma	CSE	Celebal/TCS Ninja	5
72	18EJCCS064	Harshita Agarwal	CSE	Accenture	4.5
73	18EJCCS065	Harshita Chaudhary	CSE	Accenture/Wipro/TCS Ninja/Sam	4.5
74	18EJCCS067	Himanshi Kabra	CSE	Adv. Accenture/TCS Ninja	6.5
75	18EJCCS070	Hiten Sambhwani	CSE	Hanu	6
76	18EJCCS071	Indrajeet Singh Shekhawat	CSE	Wipro	3.5
77	18EJCCS073	Ishan Kapoor	CSE	Celebal	5
78	18EJCCS074	Ishita Jain	CSE	Capgemini	7.5
79	18EJCCS075	Ishita Tiwari	CSE	Sudrania/Wipro	7
80	18EJCCS076	Jalesh Khatri	CSE	Wonderbotz/Celebal/TCS Ninja/s	4.5
81	18EJCCS078	Jyoti Agarwal	CSE	Accenture	4.5
82	18EJCCS079	Jyoti Singhal	CSE	Accenture,Capgemini(7.5LPA)/W	4.5
83	18EJCCS080	Kanchan Jeswani	CSE	LTI-2	6.5
84	18EJCCS082	Kapil Garg	CSE	Deloitte	8
85	18EJCCS083	Kartik Joshi	CSE	ATCS/Wipro/TCS Ninja	4.5
86	18EJCCS085	Khushi Singhal	CSE	Accenture	4.5
87	18EJCCS086	Krati Mitra	CSE	Infosys/HPE/Cloudera	3.6
88	18EJCCS087	Kratik Khandelwal	CSE	Accenture,Capgemini	4.5
89	18EJCCS088	Krish Mantri	CSE	Accenture	4.5
90	18EJCCS089	Kunika Matoliya	CSE	Accenture	4.5
91	18EJCCS090	Lakshya Sharma	CSE	Celebal	5
92	18EJCCS091	Lokesh Mundra	CSE	Meditab	4.25
93	18EJCCS092	Maitri Bansal	CSE	Coforge	3.6
94	18EJCCS093	Manan Sharma	CSE	Accenture/Sudrania/Wipro	4.5
95	18EJCCS094	Manik Gupta	CSE	Adv. Accenture/ WIpro	6.5
96	18EJCCS095	Meenal Agarwal	CSE	Accenture/Sudrania	4.5
97	18EJCCS096	Meera Agrawal	CSE	Accenture/ Capgemini, Wipro	4.5
98	18EJCCS097	Mehul Jain	CSE	Infosys (3.6LPA)/HPE	3.6
99	18EJCCS099	Mohit Sharma	CSE	Wipro	3.5
100	18EJCCS100	Mudit Agrawal	CSE	Accenture/Sudrania	4.5
101	18EJCCS101	Mukund Maloo	CSE	Metacube/TCS Digital	5.2
102	18EJCCS102	Muskan Bhalawat	CSE	LTI-1	5
103	18EJCCS103	Muskan Maheshwari	CSE	LTI-1/Samsung	5
104	18EJCCS104	Nalin Goyal	CSE	HPE/LTI-2/Amazon	6.5
105	18EJCCS107	Nandini Singh	CSE	Accenture, Capgemini(7.5LPA), V	4.5
106	18EJCCS109	Neha Prajapati	CSE	Sudrania	7
107	18EJCCS110	Nikhil Garg	CSE	ATCS	4.5

108	18EJCCS111	Nikhil Gupta	CSE	ATCS, Wipro/TCS Ninja/HPE	4.5
109	18EJCCS112	Nishkarsh Sharma	CSE	Accenture,Capgemini	4.5
110	18EJCCS113	Nishtha Garg	CSE	Infosys /HPE/Amazon	8
111	18EJCCS114	Nitin Khandelwal	CSE	Adnate IT Solutions	4
112	18EJCCS115	Nitin Kumar Sahu	CSE	Scanpoint	4.2
113	18EJCCS116	Nitin Mathur	CSE	Onething(Offcampus)	5
114	18EJCCS117	Nupur Sogani	CSE	Accenture	4.5
115	18EJCCS118	Pankaj Saini	CSE	Scanpoint	4.2
116	18EJCCS119	Pawan Kr Baldewa	CSE	Capgemini/ Wipro	4
117	18EJCCS120	Poorvi Agarwal	CSE	LTI-1	5
118	18EJCCS121	Pracheer Khandelwal	CSE	Capgemini/TCS Ninja	4
119	18EJCCS122	Prachi Mutha	CSE	Sudrania	7
120	18EJCCS123	Prashant Malav	CSE	Infosys /Metacube	3.6
121	18EJCCS126	Puneet Bhargava	CSE	Scanpoint	4.2
122	18EJCCS127	Punish Agarwal	CSE	Celebal M	5
123	18EJCCS128	Pushpendra Singh Gurjar	CSE	Metacube, Wipro	4.5
124	18EJCCS130	Rahul Jain	CSE	Accenture/TCS Ninja	4.5
125	18EJCCS131	Rahul Mundra	CSE	Metacube	4.5
126	18EJCCS132	Rahul Solanki	CSE	ATCS/TCS Digital/HPE	4.5
127	18EJCCS134	Rajat Pandey	CSE	Capgemini, Wipro/TCS Ninja/HP	4
128	18EJCCS136	Raunak Kumar	CSE	Cloud Mentor, Wipro	6.5
129	18EJCCS137	Riddhi Jain	CSE	Infosys/HPE/Cloudera/Amazon	8
130	18EJCCS139	Rishabh Jain	CSE	TCS Ninja/Genus	3.5
131	18EJCCS140	Ritika Agarwal	CSE	Accenture/Sudrania	4.5
132	18EJCCS141	Riya Dhaked	CSE	Accenture, Wipro	4.5
133	18EJCCS142	Riya Khandelwal	CSE	HPE	10
134	18EJCCS143	Rohan Dhar	CSE	Infosys (5LPA)	5
135	18EJCCS144	Rohit Joseph	CSE	Accenture, wipro	4.5
136	18EJCCS145	Ronak Jain	CSE	Accenture/ Capgemini(4LPA)/TC	4.5
137	18EJCCS147	Sakshya Garg	CSE	Capgemini(4LPA), Wipro	4
138	18EJCCS148	Samridhi Jain	CSE	Infosys (3.6LPA)/Deloitte	3.6
139	18EJCCS149	Samyak Jain	CSE	Kogta Finance/TCS Ninja	5
140	18EJCCS151	Sanyam Jain	CSE	Accenture	4.5
141	18EJCCS152	Sarthak Bagherwal	CSE	Wipro	3.6
142	18EJCCS153	Sarthak Jain	CSE	Capgemini(4LPA)	4
143	18EJCCS154	Shalu Jangid	CSE	ATCS, Wipro,Synopsis	4.5
144	18EJCCS155	Shashwat Jain	CSE	Capgemini(7.5LPA), Wipro/TCS I	7.5
145	18EJCCS158	Shoaib Khan	CSE	Capgemini(4LPA)/TCS Ninja	4
146	18EJCCS159	Shreya Jain	CSE	Accenture	4.5
147	18EJCCS161	Shruti Jain	CSE	LTI-1/Sudrania	5
148	18EJCCS162	Shubh Gupta	CSE	LTI-1	5
149	18EJCCS163	Shubham Agarwal	CSE	MTX	10.4
150	18EJCCS164	Shubham Bhargava	CSE	Capgemini(4LPA), Wipro/TCS Ni	4
151	18EJCCS166	Shubham Gupta	CSE	Capgemini(4LPA)/TCS Ninja	4
152	18EJCCS167	Shubham Jain	CSE	Accenture /Urban Network/Frisc	4.5
153	18EJCCS168	Siddharth Lodha	CSE	TCS Ninja/aavas finance/Scanpoi	3.5
154	18EJCCS171	Suraj Bansal	CSE	Capgemini, Wipro	7.5
155	18EJCCS173	Tanishq Gupta	CSE	Metacube	5.2
156	18EJCCS174	Tanmay Sharma	CSE	Capgemini, Wipro	4
157	18EJCCS175	Tilak Vijayvargiya	CSE	Accenture, Capgemini	4.5
158	18EJCCS176	Tushar Jain	CSE	Capgemini, Wipro	7.5
159	18EJCCS177	Tushar Sharma	CSE	Capgemini, Wipro/TCS Digital	7.5
160	18EJCCS178	Vaibhav Agarwal	CSE	ATCS/TCS Ninja	4.5
161	18EJCCS179	Vaibhav Jain	CSE	Board Infinity	7
162	18EJCCS180	Vaibhav Mathur	CSE	Hanu	6
163	18EJCCS181	Vaibhav Sharma	CSE	LTI-1/Sudrania	5

164	18EJCCS182	Vansh Kalra	CSE	Wipro/TCS Ninja	3.5
165	18EJCCS184	Varsha Kesnani	CSE	ATCS	4.5
166	18EJCCS185	Vartika Agrawal	CSE	Adnate IT Solutions/Ongraph/Ha	4
167	18EJCCS186	Vilsi Jain	CSE	Accenture	4.5
168	18EJCCS187	Vinay Saraf	CSE	Wipro	3.5
169	18EJCCS189	Vipul Goyal	CSE	LTI-1	5
170	18EJCCS190	Vishal Kumar	CSE	Wipro/TCS Ninja	3.5
171	18EJCCS192	Yash Sharma	CSE	Accenture	4.5
172	18EJCCS194	Yashika Khandelwal	CSE	Accenture	4.5
173	18EJCCS301	Manish Kumar	CSE	Capgemini, Wipro	4
174	18EJCCS302	Aanchal Bansal	CSE	Accenture, Wipro/TCS Ninja	4.5
175	18EJCCS303	Vinit Jain	CSE	LTI-1/Sudrania	5
176	18EJCCS304	Mridul Mittal	CSE	Capgemini	4
177	18EJCCS305	Pavini Garg	CSE	Accenture,Capgemini	4.5
178	18EJCCS701	Aarzoo Saluja	CSE	Samsung	7
179	18EJCCS702	Aayush Tiwari	CSE	Lenovo	7
180	18EJCCS703	Abhishek Dudhani	CSE	ATCS, Wipro	4.5
181	18EJCCS704	Abhishek Sahu	CSE	LTI-1/TCS Digital	5
182	18EJCCS705	Agam Jain	CSE	Infosys (5LPA)	5
183	18EJCCS707	Akshat Khandelwal	CSE	Accenture,Capgemini(7.5LPA)	4.5
184	18EJCCS708	Amit Agarwal	CSE	Accenture	4.5
185	18EJCCS709	Amit Gupta	CSE	Wonderbotz/Celebal_M	4.5
186	18EJCCS710	Anany Garg	CSE	Adv. Accenture/capgemini(4.0LP	6.5
187	18EJCCS711	Ankit Singhal	CSE	ATCS	4.5
188	18EJCCS713	Anshul Singh Sisodia	CSE	Board Infinity	7
189	18EJCCS714	Anuj Khandelwal	CSE	Accenture	5
190	18EJCCS715	Arnav Nagayech	CSE	Capgemini(4LPA), Wipro/HPE	4
191	18EJCCS717	Atul Singh Yadav	CSE	Capgimini	4.5
192	18EJCCS718	Avinash Shrangee	CSE	Meditab/Samsung	4.25
193	18EJCCS720	Charil Ambey Saini	CSE	Cloud Analogy/Square Yards	6
194	18EJCCS721	Chirag Nagar	CSE	Metacube/TCS Ninja	5.7
195	18EJCCS722	Devendra Sharma	CSE	Capgemini/TCS Ninja	4
196	18EJCCS724	Ishwar Singh Shekhawat	CSE	Mothersons	3.5
197	18EJCCS725	Jaydeep Pareek	CSE	Cloud Analogy	6
198	18EJCCS726	Kanika Kumawat	CSE	Accenture	5
199	18EJCCS727	Karan Khandelwal	CSE	Metacube	5.3
200	18EJCCS728	Kartik Bhatia	CSE	Metacube/TCS Ninja	5.7
201	18EJCCS729	Kritik Yadav	CSE	Meditab/TCS Ninja	4.25
202	18EJCCS730	Manan Gupta	CSE	Adnate IT solutions	4
203	18EJCCS732	Mayank Sharma	CSE	Adv. Accenture	6.5
204	18EJCCS733	Mehul Kulshrestha	CSE	LTI-2	6.5
205	18EJCCS734	Nishtha Maheshwari	CSE	Traction on Demand	6.2
206	18EJCCS735	Nitish Soni	CSE	Miniorange	8
207	18EJCCS736	Parag Dutt Sharma	CSE	Cap Coding	7.5
208	18EJCCS738	Prabhdeep Singh	CSE	Capgemini/TCS Ninja	4
209	18EJCCS739	Pragya Vitthal	CSE	Coforge	3.6
210	18EJCCS741	Pryas Jain	CSE	ATCS, Wipro	4.5
211	18EJCCS742	Puneet Goyal	CSE	Accenture	4.5
212	18EJCCS743	Ravi Jangid	CSE	Celebal, Wipro/TCS Ninja	5
213	18EJCCS744	Ritik Chopra	CSE	Miniorange	9
214	18EJCCS746	Rounak Garg	CSE	Capgemini	4
215	18EJCCS747	Sanchit Gupta	CSE	Appcino	4.5
216	18EJCCS750	Shubham Bhardwaj	CSE	Capgemini	4
217	18EJCCS752	Siddharth Kavadia	CSE	Adv. Accenture	6.5
218	18EJCCS753	Siddharth Singhvi	CSE	Capgemini	4
219	18EJCCS754	Sparsh Khandelwal	CSE	Ongraph/MTX	4

220	18EJCCS755	Tamanna Mahnot	CSE	LTI-2	6.5
221	18EJCCS757	Yash Lath	CSE	ATCS, Wipro/TCS Ninja	4.5
222	18EJCCS758	Yash Sharma	CSE	360 Degree cloud	3.6
223	19EJCCS202	Daksh Jangid	CSE	DSV	5
224	19EJCCS203	Lakshita Sharma	CSE	E Clinical / HPE	10
225	18EJCEC005	Abhishek Dave	ECE	Wipro/tcs Ninja	3.6
226	18EJCEC006	Abhishek Jain	ECE	LTI, Wipro/TCS Ninja	8
227	18EJCEC007	Aditya Yadav	ECE	Planet spark	6.5
228	18EJCEC009	Akash Arora	ECE	Cloud Analogy/TCS Ninja	6
229	18EJCEC011	Akshat Todi	ECE	MetaCube	5.2
230	18EJCEC012	Akshay Kumar Beniwal	ECE	Squareyards	6
231	18EJCEC014	Aman Jain	ECE	Aecenture	4.5
232	18EJCEC015	Aman Kumar Jangir	ECE	Meditab/TCS Ninja	4.25
233	18EJCEC016	Amit Kumar Chhipa	ECE	Metacube/TCS Ninja	5.2
234	18EJCEC017	Anchal Madnani	ECE	Coforge ,birlasoft/TCS Ninja	3.6
235	18EJCEC018	Anjali	ECE	Accenture, Wipro/TCS Ninja	4.5
236	18EJCEC019	Ankit Kumar Sharma	ECE	wipro	3.6
237	18EJCEC023	Arushi Jain	ECE	LTI	8
238	18EJCEC024	Aryan Jain	ECE	Capgemini,Wipro/TCS Ninja	4.5
239	18EJCEC025	Ashish Jain	ECE	Capgemini/TCS Ninja	4.5
240	18EJCEC027	Ashish Mangal	ECE	Capgemini	4.5
241	18EJCEC028	Ashish Raj	ECE	Cloud Analogy	6
242	18EJCEC029	Ashish Yadav	ECE	Metacube Software Pvt Ltd	5.2
243	18EJCEC030	Ashok Singh Gurjar	ECE	Accenture	4.5
244	18EJCEC031	Ashutosh Kaushik	ECE	DYT(OFF Campus)	5
245	18EJCEC035	Astha Goyal	ECE	Metacube, Wipro/TCS Ninja	5.2
246	18EJCEC037	Ayush Kumar	ECE	Capegemini,Wipro	4.5
247	18EJCEC038	Ayush Sharma	ECE	wipro	3.6
248	18EJCEC039	Ayushi Prajapati	ECE	Coforge	3.6
249	18EJCEC040	Bhumi Gajjar	ECE	Capegmini, wipro	4.5
250	18EJCEC043	Chhaya Agarwal	ECE	LTI	8
251	18EJCEC044	Chirag Mahajan	ECE	Accenture	4.5
252	18EJCEC045	Darshan Nahata	ECE	Accenture/Samsung	4.5
253	18EJCEC046	Devanshi Gautam	ECE	Metacube	5.2
254	18EJCEC047	Devanshi Nehra	ECE	Wipro	3.6
255	18EJCEC048	Devhuti Joshi	ECE	Capgemini	4.5
256	18EJCEC050	Digvijay Singh	ECE	Meditab	4.25
257	18EJCEC051	Deepanshu Tomer	ECE	Square yards	6
258	18EJCEC054	Gargi Jaiman	ECE	Wipro	3.6
259	18EJCEC055	Garima Goyal	ECE	Accenture	4.5
260	18EJCEC056	Gaurang Singhal	ECE	Appacino/Samsung	4.5
261	18EJCEC057	Gaurav Agrawal	ECE	Cloud Analogy	6
262	18EJCEC059	Harsh Kumar Jarthal	ECE	Metacube	5.2
263	18EJCEC060	Harshit Jaiswal	ECE	Melhua	4
264	18EJCEC061	Harshita Jain	ECE	Capgemini/TCS Ninja	4.5
265	18EJCEC063	Himanshu Jangid	ECE	Capgimini	4.5
266	18EJCEC064	Himanshu Kapoor	ECE	Meditab	4.25
267	18EJCEC065	Himanshu Sahu	ECE	JTC Jalan, Wipro	3.75
268	18EJCEC069	Isha Gothi	ECE	Wipro,TCS,Thrillophilia	3.6
269	18EJCEC070	Ishika Chabra	ECE	Capgemini/tcs ninja	4.5
270	18EJCEC072	Jatin Balani	ECE	360 Degree Cloud, Wipro	4.5
271	18EJCEC075	Kaushal Khandal	ECE	Square yards	6
272	18EJCEC076	Kaushal Sharma	ECE	Pratham Software, Wipro	3.75
273	18EJCEC077	Khushal Vijay	ECE	Wipro	3.6
274	18EJCEC078	Khushbu Jethwani	ECE	capgemini,wipro	4.5
275	18EJCEC080	Kritika Bohra	ECE	Thrillophilia/TCS Ninja/EY	4.3

276	18EJCEC082	Lekhraj Paliwal	ECE	Capgemini , Wipro	4.5
277	18EJCEC087	Mayank Jain	ECE	Capgemini	4.5
278	18EJCEC088	Mayur Mangal	ECE	Cloud Analogy	6
279	18EJCEC091	Mohit Khandelwal	ECE	Metacube/TCS Ninja	5.2
280	18EJCEC093	Mudit Singhal	ECE	Cloud Analogy	6
281	18EJCEC094	Naveen Kumar Sharma	ECE	Metacube	5.2
282	18EJCEC097	Niharika Mishra	ECE	HPE	10
283	18EJCEC098	Nikhil Khandelwal	ECE	Cyntexa(OFF Campus)	4.3
284	18EJCEC100	Nitesh Sirohi	ECE	Melhua	4
285	18EJCEC101	Nitin Kumar	ECE	Meditab	4.25
286	18EJCEC105	Parth Sharma	ECE	Cap Coding	7.5
287	18EJCEC106	Piyush Jain	ECE	Yudiz/Naggaro(Off Campus)	4.5
288	18EJCEC107	Prachi Sinha	ECE	Accenture/TCS Ninja/Samsung	4.5
289	18EJCEC108	Pradhumn Singh Parihar	ECE	Wipro/Planet spark	6.5
290	18EJCEC111	Prateek Gautam	ECE	Infosys	5
291	18EJCEC112	Pratibha Bothra	ECE	Capgemini, Wipro	4.5
292	18EJCEC115	Priyanshi Agarwal	ECE	Accenture	4.5
293	18EJCEC117	Puru Soni	ECE	UpFlairs Pvt. LTD./Practo	7
294	18EJCEC120	Rashi Gupta	ECE	Metacube	5.2
295	18EJCEC122	Rishit Mangal	ECE	Appcino, wipro	4.5
296	18EJCEC123	Ritika Sharma	ECE	LTI	8
297	18EJCEC126	Ronak Mathur	ECE	TCS Ninja	3.5
298	18EJCEC129	Sakshi Natani	ECE	Wipro	3.6
299	18EJCEC131	Saloni Gangwal	ECE	Wipro, Coforge	3.6
300	18EJCEC132	Saloni Vyas	ECE	Celebal technologies, Wipro/TCS	5
301	18EJCEC134	Sankalp Negi	ECE	Wipro/TCS Ninja/Samsung	3.6
302	18EJCEC135	Sarthak Agrawal	ECE	ZS ASSOCIATES, LTI	12.84
303	18EJCEC136	Satvik Jain	ECE	Accenture, Wipro/TCS Ninja	4.5
304	18EJCEC138	Saurabh Jain	ECE	CRMIT	4
305	18EJCEC139	Seema Joshi	ECE	Appacino	4.5
306	18EJCEC140	Shailvi	ECE	Accenture	4.5
307	18EJCEC142	Shikha Jain	ECE	LTI	8
308	18EJCEC143	Shivam Gupta	ECE	Metacube	5.2
309	18EJCEC144	Shivgautam Agrawal	ECE	Kogta Finance/Fev India	5
310	18EJCEC145	Shrey Bhargava	ECE	ZS Associates	12.84
311	18EJCEC146	Shreya Sharma	ECE	Accenture	4.5
312	18EJCEC151	Shubham Srivastava	ECE	Meditab	4.25
313	18EJCEC152	Siddharth Jain	ECE	Wipro	3.6
314	18EJCEC153	Srashti Gupta	ECE	Wipro	3.6
315	18EJCEC154	Stuti Jain	ECE	Traction On Demand/tcs ninja	6.2
316	18EJCEC155	Sulekha Gupta	ECE	Wipro, coforge	3.6
317	18EJCEC156	Sumit Kumar	ECE	Meditab	4.25
318	18EJCEC158	Sumit Sanghi	ECE	Cloud Analogy	6
319	18EJCEC160	Swastik Amera	ECE	Planet Spark	6.5
320	18EJCEC161	Ms Tanu Sawlani	ECE	Fev India	5
321	18EJCEC164	Vanshika Bordia	ECE	Capgemini,wipro	3.5
322	18EJCEC168	Vinit Khandal	ECE	Meditab/TCS Ninja/Square Yards/	4.25
323	18EJCEC171	Yash Beniwal	ECE	Appcino Technologies/Samsung	4.5
324	18EJCEC173	Yashraj Singh Chauhan	ECE	Planet Spark	6.5
325	18EJCEC174	Yojana Jaimini	ECE	Accenture,Wipro	4.5
326	18EJCEE008	Arpan Nyati	EE	Wipro/TCS Ninja	3.5
327	18EJCEE009	Arpit Jain	EE	Wipro	3.5
328	18EJCEE020	Gourav Sharma	EE	upgrad	7.5
329	18ejcee023	Harshit Tiwari	EE	Wipro/Square Yards	3.5
330	18EJCEE024	Harshita Jamer	EE	Accenture	4.5
331	18EJCEE025	Himanshu Sen	EE	Capgemini	4

332	18EJCEE032	Kartikeya Suwalka	EE	TCS Ninja/Pinnacle	3.5
333	18EJCEE033	Khagesh Kumar Gaur	EE	TCS Ninja	3.5
334	18EJCEE044	Mehul Kumawat	EE	Capgemini	4
335	18EJCEE045	Milind Kumar	EE	Wipro/TCS Ninja	3.5
336	18EJCEE050	Naman Khandelwal	EE	Wipro	3.5
337	18EJCEE051	Nidant Sharma	EE	Board Infinity	7
338	18EJCEE054	Parul Dhayal	EE	Accenture	4.5
339	18EJCEE056	Piyush Soni	EE	Espoir/Samsung	7
340	18EJCEE057	Praduman Singh Rajawat	EE	Square yards	6
341	18EJCEE059	Preksha Agrawal	EE	LTI	8
342	18EJCEE066	Rajesh Kumar	EE	Accenture	4.5
343	18EJCEE067	Rakshit Purohit	EE	Accenture/Wipro	6.5
344	18ejcee074	Shashank Sharma	EE	Melhua	4
345	18EJCEE075	Shivang Sharma	EE	TCS Ninja	3.5
346	18EJCEE076	Shoaib Aziz	EE	Appcino	4.5
347	18EJCEE077	Shubham Bhargava	EE	Wipro	3.5
348	18EJCEE082	Tushar Hemnani	EE	Capgemini	4.5
349	18EJCEE085	Vibha Yadav	EE	Chegg India	4
350	18EJCEE087	Vishesh Agarwal	EE	Capgemini/Wipro/Samsung	4
351	18EJCEE089	Yash Panwar	EE	Wipro	3.5
352	18EJCEE090	Yuvraj Singh Shaktawat	EE	Capgemini/Wipro	4
353	19EJCEE202	Ashwin Sharma	EE	Melhua	4
354	19ejcee204	Pranshu Pareek	EE	Melhua	4
355	16EJCIT035	Jatin Sharma	IT	ATCS/ Wipro	5
356	18EJCIT003	Abhinav Goyal	IT	ALL E Technologies	5
357	18EJCIT004	Abhishek Kumar Sinha	IT	Celebal /TCS Ninja	5
358	18EJCIT005	Aditya Bhatnagar	IT	Capgemini	4
359	18EJCIT006	Aishwarya Harsh	IT	HPE	10
360	18EJCIT007	Akshat Pareek	IT	Wipro/Coforge/TCS Ninja	3.65
361	18EJCIT009	Aman Agarwal	IT	LTI Level 1	5
362	18EJCIT011	Aman Dhing	IT	TCS Ninja	3.5
363	18EJCIT012	Aman Dokania	IT	HPE, INFOSYS (5 LPA)	11.5
364	18EJCIT013	Aman Kedia	IT	LTI Level 2	5
365	18EJCIT014	Aman Sharma	IT	Daffodil/Samsung	5
366	18EJCIT015	Aniket Jain	IT	Cap Coding/TCS Ninja	7.5
367	18EJCIT016	Animesh Mathur	IT	Hanu Software,Infosys	9
368	18EJCIT017	Anirudh Sharma	IT	Accenture/Samsung	4.5
369	18EJCIT018	Anirudhi Thanvi	IT	Capgemini,Wipro,Infosys	9
370	18EJCIT020	Anul Jain	IT	ATCS/TCS Ninja	5
371	18EJCIT021	Arbaz Hussain	IT	Entrust Global	4.5
372	18EJCIT022	Arushi Jain	IT	INFOSYS (5 LPA)	5
373	18EJCIT023	Aryan Changal	IT	LTI Level 1/TCS Ninja	5
374	18EJCIT024	Ashish Shrivastav	IT	Capgemini/TCS Ninja/MTX	4
375	18EJCIT025	Ayush Bansal	IT	Kogta Finance	5
376	18EJCIT026	Bhanvi Menghani	IT	Adv. Accenture	6.5
377	18EJCIT028	Dewang Agarwal	IT	Capgemini/ Wipro	4
378	18EJCIT031	Garvita Jain	IT	Wipro	3.75
379	18EJCIT032	Gaurav Sharma	IT	Capgemini/TCS Ninja/Samsung	4
380	18EJCIT033	Guhika Bhandari	IT	Capgemini	4
381	18EJCIT034	Harshit Sachdeva	IT	Sudrania/TCS Ninja	5
382	18EJCIT035	Harshit Sharma	IT	Planet spark	7
383	18EJCIT036	Harshit Sharma	IT	Planet spark	6.5
384	18EJCIT037	Himanshu Kudal	IT	Metacube phase 2	5.2
385	18EJCIT038	Himanshu Singhal	IT	ATCS(OFF Campus)	5
386	18EJCIT039	Ishika Garg	IT	Accenture/ Wipro/Samsung	4.5
387	18EJCIT043	Khushboo Jain	IT	Accenture/ZS Associates/ Wipro/	12.84

388	18EJCIT044	Khushi Singhal	IT	Capgemini	4
389	18EJCIT045	Lokesh Acharya	IT	Capgemini/TCS Digital	4
390	18EJCIT047	Mayank Kumar Batwal	IT	Capgemini/ Wipro	4
391	18EJCIT048	Megha Agarwal	IT	Cap Coding/ Wipro	7.5
392	18EJCIT049	Mridul Khandelwal	IT	LTI Level 2	5
393	18EJCIT050	Muskan Slathia	IT	Board Infinity	7
394	18EJCIT052	Nikhil Soni	IT	ATCS	5
395	18EJCIT053	Nishant Arora	IT	Synoriq	4.5
396	18EJCIT054	Nitu Kumawat	IT	Accenture	4.5
397	18EJCIT057	Parul Jain	IT	Hashedin	8
398	18EJCIT058	Piyush Kothari	IT	LTI Level 1/ Wipro	5
399	18EJCIT059	Pooja Agarwal	IT	Accenture/ Wipro/Samsung	4.5
400	18EJCIT060	Prachi Joshi	IT	Accenture/Sudrania	7
401	18EJCIT062	Prajjwal Gidwani	IT	HPE, INFOSYS (5 LPA)/Amazon	44
402	18EJCIT063	Raghav Sharma	IT	Yudiz/TCS Ninja/Samsung	5
403	18EJCIT064	Raj Shrivastava	IT	Wipro/Coforge	3.65
404	18EJCIT066	Rishabh Jain	IT	360 Degree Cloud	3.6
405	18EJCIT067	Rishav Sharma	IT	Cap Coding/ Wipro/TCS Ninja	7.5
406	18EJCIT068	Rohan Jain	IT	ALL E Technologies	5
407	18EJCIT069	Rohit Sharma	IT	Capgemini/TCS Ninja	4
408	18EJCIT072	Sakshi Mishra	IT	Capgemini/ Wipro/tcs ninja	4
409	18EJCIT073	Sanjana	IT	Infosys(OFF Campus)	5
410	18EJCIT075	Sarthak Arya	IT	ATCS/ Wipro	5
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S.no	Faculty Name	Department	Paper Title	Date of Publication	Journal Name	ISSN/ISBN	Volume/ Isssue	SCI/SCIE /ESCI/ Web of Science Journal	Open Access (Y/N)	Peer Reviewed (Y/N)
1	Dr. Vijeta Kumawat	CSE	Wearable sensors with Internet of Things(IoT) and vocabulary-based acoustic signal processing for monitoring children's health	28 April 2022	Computational Intelligence and Neuroscience	Article ID 9737511	Volume 2022, Article ID 9737511, 13 pages	ESCI	Y	Y
2	Dr Man Mohan Siddh	ME	Impact of agri-fresh food supply chain quality practices on organizational sustainability	19th Oct,2021	Operations Management Research,Springer	ISSN: 1936-9735	Volume:14/ Issue:1	SCI	N	Y
3	Sonali Chadha	EE	Study on some aspects of adoption of Solar Cooking System: A review	May 2021	Materials Today: Proceedings · May 2021,Elsevier	https://doi.org/10.1016/j.matpr.2021.05.323	Volume 47, Part 11, 2021, Pages 2994-3000	SCI	Y	Y
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13	Rajkumar and Manoj Pathak	Physics	Charge generation and Pyro-electric properties in Ceramic/polymer composite.	May 2022	International Journal of Advances in Engineering and Management (IJAEM)	2395-5252	Volume-4 Issue-5	SCOPUS Indexed	Y	Y

Wearable sensors with Internet of Things (IoT) and vocabulary-based acoustic signal processing for monitoring children's health

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Impact of agri-fresh food supply chain quality practices on organizational sustainability

Man Mohan Siddh[1] · Sameer Kumar[2] · Gunjan Soni[3] · Vipul Jain[4] · Charu Chandra[5] · Rakesh Jain[3] · Milind Kumar Sharma[6] · Yigit Kazancoglu[7]

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Abstract

The aim of this paper is to present empirical evidence about the relationship between Agri-fresh Food Supply Chain Quality (AFSCQ) practices and Organizational Sustainability (OS) outcomes. Organizational Sustainability embraces economic, environment and social sustainability. Based on literature review, a set of AFSCQ practices has been identified to create a theoretical model and to setup their relationship to OS as Economic Sustainability (ECS), Social Sustainability (SOS) and Environmental Sustainability (ENS). The measurement scales of AFSCQ practices and measures of OS were established in four stages: initial instrument development; structured interviews and utilization of Q-sort method; wide-ranging data collection by survey questionnaire; and analysis to confirm reliability and validity. Finally, Structural Equation Modeling (SEM) was utilized to validate the model with survey data collected from Indian agri-fresh food industry. The study developed relationships between AFSCQ and OS. Specifically, Customer Focus (CF) and Supplier Management(SM), both have direct and indirect influence on OS while Top Management Leadership and Commitment to AFSCQ, Internal Management(IM) and Supply Chain Integration Management using IT(SCIMIT) have indirect and direct influences on OS, respectively. The results also show that AFSCQ practices should be executed as an integrated coordination instead of independent practices, wherein they co-operate with each other and enrich OS. The empirical outcomes of this paper give evidence to count the AFSCQ as a reliable medium for OS. The AFSCQ practices are favorable to develop organizational sustainability, and then improve economic, social and environmental performance indirectly. The suggested model establishes the relationship between AFSCQ and OS. Additionally, the model's justification to utilize the Indian agri-fresh food industry gave significant insights both from theoretic and realistic perspectives.

Keywords Agri-fresh Food Supply Chain Quality (AFSCQ) · Organizational Sustainability (OS) · Supply Chain Management · Structural Equation Modeling

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Study on some aspects of adoption of Solar Cooking System: A review

Hemant Raj Singh [a,b,*], Dilip Sharma [b], Rahul Goyal [a], Dinesh Kumar Sharma [b,c], Sonali Chadha [d]

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ABSTRACT

In developing and under-developed nations, the cooking industry is one of the most energy-intensive industries. Although cooking methods have been vastly improved, society has depended heavily on biomass for its kitchen needs since the dawn of civilization. Innovative cooking technology (methods) is now becoming progressively common because of the negative effects and energy wastages in traditional biomass cooking systems. Because of our reliance on rapidly depleting fossil fuels, we have been pressured to turn to alternative energy sources, and solar energy is often the best solution due to its intrinsic advantages, as it is the prime most of all renewable energy sources.

In this report, we have examined both types of systems, those that have heat-energy storage as well as those that don't. To this end, the findings proved that all different types of solar cookers have distinct thermal inefficiency levels. According to the study, the supply of solar cookers may be limited for a variety of reasons. The most prominent issues are social and territorial conflicts, smaller scale preferences, and budget-related problems.

Selection and peer-review under responsibility of the scientific committee of the 3rd International Conference on Advances in Mechanical Engineering and Nanotechnology.

Abbreviation and Nomenclature

F_1	First figure of merit
ECSCR	European Committee on Solar Cooking Research
F_2	Second figure of merit
(F_{UL})	Heat Loss Factor
TPP	Thermal Performance Parameters
PTC	Parabolic Trough Collector
P	Cooking Power
P_s	Standardized Cooking Power
ACP	Adjusted Cooking Power
F_o	Optical Performance Factor
θ_a	Air Temperature
θ_{wf}	Final Temperature of water
θ_{wi}	Initial Temperature of water
θ_s	Surface Temperature
E_i	Energy input to the Solar Cooker with parabolic dish
E_o	Energy output of the Solar Cooker with parabolic dish
U_L	Heat Loss Coefficient
C_{pw}	Specific Heat of Water
I_b	Incident Beam Radiation
A_{sc}	Aperture area of Solar Cooker
t	time
m_w	Mass of water
X_i	Exergy input to the Solar Cooker with parabolic dish
X_o	Exergy output from the Solar Cooker with parabolic dish
HH	Household
Household	Micro level cooking

(*continued on next page*)

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Quarter wavelength parasitic stub loaded polarization reconfigurable patch antenna

Ajay Yadav & R.P. Yadav

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Joint Optimization of Fusion Rule Threshold and Transmission Power for Energy Efficient CSS in Cognitive Wireless Sensor Networks

Girraj Sharma[1] · Ritu Sharma[1]

Accepted: 14 October 2021

Abstract
Cooperative spectrum sensing (CSS) can resolve the hidden terminal problem in cognitive radio (CR) networks. In CSS, the unlicensed users also known as secondary users (SUs) are often battery-operated, hence it is essential to use their energy efficiently. In CSS, the fusion rule threshold, number of CR users, sensing time, and transmission power directly affect the energy efficiency (EE). In this paper, fusion rule threshold and transmission power are optimized and evaluated to maximize the EE of the CR network. Iterative algorithms have been proposed to calculate individual optimum fusion rule threshold and joint optimal transmission power and fusion rule threshold, which maximizes the EE. It is found that EE is maximum at optimum fusion rule threshold = 14 and transmission power 0.81 *W* at average SNR = − 18 dB. EE at the optimum point is = 4.4598 Mbits/Hz/J.

Keywords Cognitive radio network (CRN) · Fusion rule (FR) · Wireless sensor network (WSN) · Cooperative spectrum sensing (CSS)

1 Introduction

The presence of licensed users also known as primary users (PUs) is detected through spectrum sensing. Cooperative spectrum sensing provides the solution to the problems like shadowing and hidden terminal but it also requires more sensing time and energy consumption. If the SUs are battery-operated then this will cause low EE. The EE is defined as the ratio of average throughput and total energy consumption. The EE is a comprehensive metric to judge the system performance because it mutually takes account of, system throughput, energy consumption, and detection accuracy.

In some literature, authors maximize the EE by using the notion of reducing the overall energy consumption. Authors proposed a censoring technique [1, 2] in which SUs that have trustworthy information about PU presence can send the information to a base station. This can minimize the energy consumption during transmission from SUs to the base

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A CPW FED CROSS-SHAPED DUAL-BAND CIRCULARLY POLARIZED MONOPOLE ANTENNA WITH STRIP/STUB/SLOT RESONATOR LOADINGS

M. Jangid, Jaiverdhan, +1 author M. M. Sharma · Published 2022 · Business · Progress In Electromagnetics Research M

IA new compact CPW fed dual-band circularly polarized (CP) antenna for a broadcasting satellite application is presented. The proposed dual-band CP antenna consists of a modi(cid:12)ed CPW ground structure by loading stub/slots/inverted L-strip and a modi(cid:12)ed cross-shaped patch. A modi(cid:12)ed CPW ground structure is able to generate circular polarization. The proposed antenna design provides the simulated impedance bandwidth (IBW) (S 11 < (cid:0) 10 dB) of 81.42% (3.16(7.5 GHz) and 20... Expand

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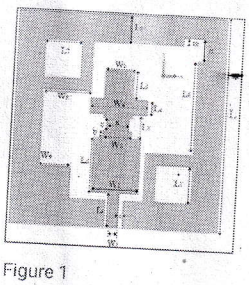

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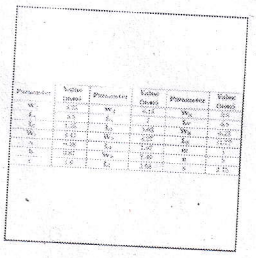

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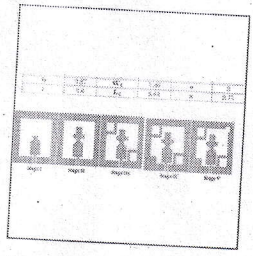

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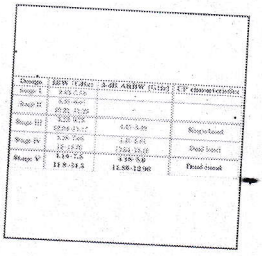

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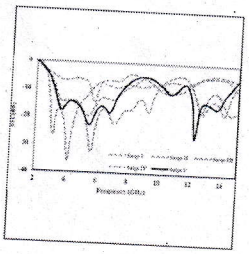

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Broadband Circular Polarised Printed Antennas for Indoor Wireless Communication Systems: A Comprehensive Review

Ahmed Jamal Abdullah Al-Gburi, Z. Zakaria, +5 authors S. Al-Bawri · Business · Micromachines · 2022

A Binary NSGA-II Model for De-clustering Seismicity of Turkey and Chile

Publisher: IEEE

Ashish Sharma ; Satyasai Jagannath Nanda ; Rahul Kumar Vijay All Authors

Abstract: Seismicity de-clustering is the technique to isolate the earthquake catalog into aftershock-foreshock (clustered) and background (random) events. These isolated events ar... View more

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Abstract:
Seismicity de-clustering is the technique to isolate the earthquake catalog into aftershock-foreshock (clustered) and background (random) events. These isolated events are widely used in seismology for hazard assessment and to design the model for future earthquake predictions. The key challenge in seismic de-clustering is due to significant overlapping and high correlation between the space-time domain of aftershock-foreshock and background events. In this manuscript, a new model is proposed to de-cluster earthquake catalog based on a binary Non-dominated sorting genetic (B/NSGA)-II algorithm. In the fundamental version of the popular NSGA-II algorithm, one apprehension is that crossover and mutation are performed only on real-valued population. Here binary domain logical crossover and mutation operators are employed to optimally segregate the seismic events. The proposed model is tested on thirty year historical earthquake catalog of Turkey and Chile. Comparative analysis has been demonstrated with five benchmark de-clustering techniques. The simulation results demonstrate the potential of the proposed model efficiently discriminates the aftershocks and background events in the two catalogs.

Published in: 2021 IEEE Congress on Evolutionary Computation (CEC)

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This is to certify that **Yazusha Sharma** *of* ***Jaipur Engineering College and Research Center, Jaipur*** *has participated and presented a paper on* ***"Square ring resonator based refractive index plasmonic sensor"*** *in the International Conference on "Advancements in Nanoelectronics and Communication Technologies" (ICANCT-2022) held on February 24-26, 2022 jointly organized by Department of Electronics & Communication Engineering, Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur (India) and Institution of Engineers (India), Rajasthan State Center, Jaipur in Association with CSIR-IMMT:InTEC-MAITRI, Bhubaneswar.*

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Design and Simulation of Flower Shaped Flexible Wideband Antenna for WBAN Applications

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Abstract— **This paper deals with designing and simulating a miniaturized Ultra-wideband (UWB) flower-shaped radiator antenna that operates over 3.69 GHz to 22 GHz frequency range for Wireless Body Area Network (WBAN) application. To achieve the wideband, two alterations have been incorporated in the proposed design i.e. (i) adopting a flower shaped patch -to enhance the bandwidth by increasing the perimeter of radiating patch and (ii) a quarter elliptical ground plane which leads to reduce capacitive effect, hence this increase impedance matching in the operating band. The Polydimethylsiloxane (PDMS) dielectric material was used to design a flexible antenna. PDMS is highly flexible and mechanically tunable. The flexibility of the proposed structure has been analyzed by curving the antenna along the X and Y axis at different angles. Various performance parameters like return loss, gain, and antenna radiation pattern are evaluated at different bending angles. The antenna parameters were also assessed under human proximity in terms of Specific Absorption Rate (SAR) with a three-layered human model. The analyzed average SAR at different frequencies like 4.6 GHz, 10.6 GHz, and 15.5 GHz with 100 mW input power are 1.58 W/kg, 1.04W/Kg, and 0.816 W/Kg, respectively.**

Keywords— **UWB, Polydimethylsiloxane (PDMS), WBAN, Flexibility.**

I. INTRODUCTION

In the last two decades, wireless body area networks (WBAN) have attracted significant attention of investigators from academia and industry both due to diverse applications, like real-time health monitoring of patients, for fitness tracking, activity monitoring of sportsperson, in the rescue operation and lifestyle computing, etc. [1]. An antenna is a fundamental part of body-centric communication systems which must accomplish features such as conformal, cost-effective, small in size, stable radiation pattern in different operating conditions, immunity to interference, low complexity, easily integrated with the RF circuits, and coverage of the wide range of frequencies [2]. Besides these all-conventional requirements, designing a WBAN antenna is still a critical task because (i) its efficiency and radiation characteristics can alter owing to coupling effects when placed near the human proximity or on the body (ii) another major challenge is mechanical deformation when structure bends or stretch when it is placed on human body parts.

According to recently reported studies, UWB technology is widely used for WBAN because it offers a high data rate, low power consumption increases the battery life of systems, and reduces the electromagnetic exposure for continuous on-body usage [3-15].

Rigid materials like FR-4 and RT/Duroid are used to design UWB antennas for body-centric applications in [3-5], but these types of materials fail to perform in different bending conditions. Many researchers have studied textile-based substrate materials for flexible antennas like cotton, polyester, felt [6-8]. Still, textile-based antennas are more prone to environmental effects like moisture absorption, specific gases, and temperature variations. Therefore currently, the polymer-based antenna is a more suitable candidate for biomedical applications and flexible electronics. Various flexible monopole antennas have been proposed, which utilize thin and flexible substrates like liquid crystalline polymer (LCP), polyethylene terephthalate (PET), and PDMS [9–15].

In this research work, propose a flexible Ultra-Wide Band antenna operating from 3.69 GHz to 22 GHz. A flower-shaped patch antenna structure was proposed to enhance the fractional bandwidth and miniaturize the overall size of the design, which is simulated using CST Microwave studio. The flexibility of the proposed structure with PDMS substrate was analyzed by bending the antenna in different planes. Further section II presents the antenna design, material selection. Simulated radiation characteristics parameters at different bending angles are mentioned in section III. Section IV discusses the SAR examination with human proximity. Section V summarizes the current research work.

II. THE PROPOSED ANTENNA DESIGN AND MATERIAL SELECTION

Fig.1 illustrates the geometry of the designed flexible UWB antenna. This antenna has a flower-shaped radiating patch to increase the bandwidth and a coplanar waveguide (CPW) feed line with a quarter elliptical ground plane to achieve good impedance matching. The compact wideband antenna has been designed with flexible PDMS substrate, which models with the permittivity of 2.7 and loss tangent of 0.02 for the entire UWB band. PDMS is a silicon-based organic polymer, which belongs to the group of polymeric organo-silicon compounds (silicones). PDMS is an emerging approach for flexible antenna material owing to its characteristics such as flexibility, transparency, water and temperature resistance, chemically stability, permeable to gases.

The optimized overall dimensions of the structure are 21 x 16 x 0.8 mm^3. The lower cutoff frequency can be tuned by

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A Multi Wideband Compact Circularly Polarized Square Slot Antenna

Publisher: IEEE Cite This PDF

Renu Agrawal ; M. M. Sharma ; Indra Bhooshan Sharma ; Richa ; Joohi Garg ; Jaiverd... All Authors

Abstract: In this work a multi wideband circularly polarized (CP) compact antenna is designed. CP is achieved by loading stubs and slots in the ground plane. It provides wide imped... **View more**

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Abstract:
In this work a multi wideband circularly polarized (CP) compact antenna is designed. CP is achieved by loading stubs and slots in the ground plane. It provides wide impedance bandwidth (IBW) and axial ratio bandwidth (3-dB ARBW). Coplanar waveguide feeding techniques has been used to achieve significant gain and stable radiation pattern. It provides peak gain about.5dB. Rigorous simulation is done using CST MWS for design optimization and result computation. This antenna design provides a 3dB ARBW (4-9.2 GHz) and (11.9-15.04 GHz) while the IBW are (3.6-9.11GHz) and (10-13.5 GHz) for lower and upper bands respectively. The overall floor area of proposed antenna is 20 × 20 mm^2.

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Wide Band Circularly Polarized Planar Monopole Antenna for FSS and ITU-8GHz Application

Publisher: IEEE

Reshmi Dhara ; M. M. Sharma ; Jaiverdhan All Authors

Abstract: In this paper, a simple, single feed wide band planar monopole antenna with circular polarization is demonstrate. The design antenna which is proposed here involves three... **View more**

Metadata

Abstract:
In this paper, a simple, single feed wide band planar monopole antenna with circular polarization is demonstrate. The design antenna which is proposed here involves three triangular notches on the boundary of rectangular radiator with an asymmetric microstrip line feeding connected within it creates mutual coupling to attain wide circularly polarized (CP) band. To generate wide impedance bandwidth (IBW) a rectangular slit and stub are utilized on the ground plane, reverse side of the substrate. The proposed antenna covered the wide simulated IB is from 3.13-beyond 10 GHz (6.87 GHz, frc = 6.56GHz, 104.65%). The simulated wide ARBW span over 6.91-8.91 GHz (2 GHz, fcp= 7.91GHz, 25.28%) within the IBW region. The simulated radiation efficiency between 87–92 % span throughout CP band, maximum 94% at 3.9GHz. The simulated peak gain between 3.45-6.18dBi span throughout CP band, maximum 6.23dBi at 9.1GHz. Antenna can appropriate for some part of C- and X-band, particularly Fixed Satellite Service (FSS) and International Telecommunication Unit (ITU) 8GHz applications.

Kite Slot Patch in Elliptical Patch Antenna for Super Band Applications

Publisher: IEEE

Cite This PDF

Vinita Mathur ; Parul Tyagi ; Ritu Vyas ; Jitendra Sharma All Authors

Abstract: A closely bounded, small shape elliptical aerial with kite cut is designed for wireless application. Antenna prototype is designed using FR4 substrate by virtue of CST Mi... **View more**

Metadata

Abstract:

A closely bounded, small shape elliptical aerial with kite cut is designed for wireless application. Antenna prototype is designed using FR4 substrate by virtue of CST Microwave Studio Suite TM. Suggested antenna possess dimension of 36 x 40 mm^2(W x L) and working from 2.76 GHz - 24.41 GHz along with VSWR less than equal to 2. Elaborate parametric consideration of the aerial has been done. The proposed patch finds application in ultra wideband and satellite communication.

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Charge generation and Pyro-electric properties in Ceramic/polymer composite.

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Submitted: 01-05-2022 Revised: 04-05-2022 Accepted: 08-05-2022

ABSTRACT
In this article, we present the thermally stimulated depolarization currents (TSDC), and pyro- electric investigations of electrically poled azo dye (chromotrope -2R (CHR) doped poly (vinyl alcohol) (PVA) thin films. Based on dielectric spectroscopy data, the pyroelectricity have been explained with reversible dipole density changes during thermal expansion, whereas increase in dielectric constant has been explained in terms of polarization caused by charge carriers, probably ions. The thermally stimulated depolarization currents (TSDC) in azo dye: PVA has been investigated in the temperature range 30 - 120□ C. Two distinct peaks of TSDC spectra were observed at approximately 65□ C (α–peak) and 110□ C (□ -peak). The α –peak and □ -peak in the TSDC spectra are originated from the dipolar process and space charge relaxation, respectively. The effect of azo dye (CHR) on dielectric and polarization properties of PVA was also investigated. Dielectric studies showed the relaxor behavior with diffuse phase transition. It is found that the dielectric dispersion in the film support the well known Vogel-Fulcher law. The pyroelectric coefficient of electrically poled PVA: CHR thin film goes upto 0.4 □ C/m^2 K at room temperature. It is concluded from the observations that the orientation of strong anisomeric side chain takes place with a degree of alignment of about 8 %.

Key words: Polarization, Thermally stimulated discharge current, Dielectric constant, Pyroelectric coefficient

I. INTRODUCTION:

Pyroelectricity in polymers with orientated molecular dipoles has been investigated for more than twenty years. Many electronic and optical devices require materials that sustain mechanical displacement under controlled electrical excitation for actuators. In these studies, relaxation processes with non - destructive probing of spatial polarization distributions were of particular interest. Recent developments in the field of pyroelectric polymers and their applications have been investigated by Bauer [1, 2] and Lang and Bauer [3].

Polymers with azo –chromophores side chains have attracted considerable interest as a candidates for nonlinear optical applications [4, 5]. In this material, donor and acceptor groups are linked by its delocalized π- electron system and azo chromophores groups form strong dipoles (A-π-D dipole). The polymeric materials with azo chromophores may lead to the formation of dipole domains resulting in enhancement in dipole moment. Therefore, azo chromophore containing polymers are interesting materials for pyroelectric applications as well as the pyroelectricity may arise from the liberation of molecular dipoles or dipolar domains and from thermally induced expansion or contraction of the materials. In semi- crystalline polymers, reversible changes of crystallinity as well as trapped charge carriers may also contribute to the pyroelectricity [6].

We have studied the pyroelectric and dielectric properties of azo dye (chromotrope - 2R (CHR) composite with poly (vinyl alcohol) PVA. During the process of mixing, the azo groups of dyes get attached with the side groups in the polymer chain. In these composite materials, oxygen acts as electron donor and the dye with azo chromophores as electron acceptor leading to the formation of A-π –D dipole. The electro negativity difference of azo group with oxygen located at opposite sides of polymer chain results in large dipole moment perpendicular to chain direction. Our aim is to investigate the contribution of A-π – D dipoles to electrical polarization and to pyroelectricity as well. We have estimated the pyroelectric coefficient as well as polarization charges and its temperature and poling field dependence. A combination of dielectric spectroscopy and its dependence on temperature

Jaipur Engineering College and Research Centre, Jaipur

Paper Published in Scopus OR UGC approved Journals for QIV 2022-23 (Point No. 17 B)

S.no	Faculty Name	Department	Paper Title	Date of Publication	Journal Name	ISSN/ISBN	Volume/ Isssue	Scopus or UGC Approved Journals	Open Access (Y/N)	Peer Reviewed (Y/N)
1	Dr. Vijeta Kumawat	CSE	Machine Learning for Health Care: Challenges, Controversies, and Its Applications	2022	Soft Computing: Theories and Applications	ISSN 2367-3370	425	Yes	N	Y
2	Ms Uma Maheswari	CSE	Evaluation Strategies for Course Outcomes (CO) and Program Outcomes (PO)	24-Feb-22	International Academy of Science , Engineering and Technology (IASET)	2278-9960	11	Yes	Y	Y
3	Ms Geerija Lavania	CSE	Evaluation Strategies for Course Outcomes (CO) and Program Outcomes (PO)	24-Feb-22	International Academy of Science , Engineering and Technology (IASET)	2278-9960	11	Yes	Y	Y
4	Ms. Astha Joshi	CSE	Evaluation Strategies for Course Outcomes (CO) and Program Outcomes (PO)	24-Feb-22	International Academy of Science , Engineering and Technology (IASET)	2278-9960	11	Yes	Y	Y
5	Ms. Somya Agrawal	CSE	Evaluation Strategies for Course Outcomes (CO) and Program Outcomes (PO)	24-Feb-22	International Academy of Science , Engineering and Technology (IASET)	2278-9960	11	Yes	Y	Y

6	Dr. Vijeta Kumawat	CSE	Research Trends, Challenges, and the Future of AI in Data Science	30-Oct-2021	Vidyabharti International Interdisciplinary Research journal	ISSN 2319-4979	SP2112	Yes	Y	Y
7	Ms. Uma Maheshwari	CSE	Research Trends, Challenges, and the Future of AI in Data Science	30-Oct-2021	Vidyabharti International Interdisciplinary Research journal	ISSN 2319-4979	SP2112	Yes	Y	Y
8	Dr. Sanjay Gour	CSE	Research Trends, Challenges, and the Future of AI in Data Science	30-Oct-2021	Vidyabharti International Interdisciplinary Research journal	ISSN 2319-4979	SP2112	Yes	Y	Y
9	Dr.Vishal Saxena	MATHS	Certain Unified integrals pertaining to KIRYAKOVA MULTIINDEX-MITTAG LEFFER FUNCTION	July 2022	Journal of Fractional Calculus and Applications	2090-5858	13(2),,2022	Yes	Y	Y
10	Dr. Avani Pareek	Chemistry	Comparing the Physico-Chemical Characteristics of Formulated and Marketed Yashada Bhasma	2021	Research journal of pharmacy and technology (RJPT)	0974-360X	14(12)	Yes	Y	Y
11	Dr. Vinita Mathur,Dr. Parul Tyagi,Ashish Kulshrestha	ECE	Candy Shape Microstrip Patch Antenna for Wireless Applications	Apr 07-09, 2022	2022 IEEE 7th International conference for Convergence in Technology (I2CT)	Electronic ISBN :978-1-6654-2168-3		IEEE	Y	Y
12	Dr. Vinita Mathur,Dr. Parul Tyagi	ECE	Circular Slotted Microstrip Patch Antenna for Wireless Applications	Apr 07-09, 2022	2022 IEEE 7th International conference for Convergence in Technology (I2CT)	Electronic ISBN :978-1-6654-2168-3		IEEE	Y	Y

13	Dr. Jaiverdhan	ECE	CPW-Fed Dual-Sense Cross-Shaped Broadband Circularly Polarized Antenna for Wireless and Satellite Application	2-Sep-21	Lecture Notes in Electrical Engineering book series (LNEE, volume 771)	978-981-16-2818-4	771	SCOPUS Indexed	Y	Y
14	Dr. Jaiverdhan	ECE	Dispersion Engineered AsSe2 Based Chalcogenide Photonic Crystal Fiber for MIR Region Supercontinuum Generation	2-Sep-21	Lecture Notes in Electrical Engineering book series (LNEE, volume 771)	978-981-16-2818-4	771	SCOPUS Indexed	Y	Y
15	Dr. Parul Tyagi	ECE	Cryptography-Based Efficient Secured Routing Algorithm For vehicular Ad Hoc Networks	Mar-22	Lecture Notes on Data Engineering and Communications Technologies book series (LNDECT,volume 106)	978-981-168402-9	106	SCOPUS Indexed	Y	Y
16	Ashish Sharma	ECE	A Model based on Fuzzy C-Means with Density Peak Clustering for Seismicity Analysis of Earthquake Prone Regions"	14-Oct-21	10th International Conference on Soft Computing for Problem Solving - SocProS 2020 held in IIT Indore	ISSN:2194-5357 E-ISSN:2194-5365	102	SCOPUS Indexed	Y	Y

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International Academy of Science, Engineering and Technology
Connecting Researchers; Nurturing Innovations

EVALUATION STRATEGIES FOR COURSE OUTCOMES (CO) AND PROGRAM OUTCOMES (PO)

Geerija Lavania, Somya Agarwal, Uma Maheswari & Astha Joshi

Assistant Professor, JECRC, Jaipur, Rajasthan, India

ABSTRACT

Outcomes Based Education (OBE) assessment strategies are the most important aspect required to improve the quality of education. COs for each course are based on the program outcome (PO), performance instruments, and other requirements. There are different interpretations of the OBE concept, resulting in different CO-based PO realizations. In it, a document describes the OBE schema and a detailed description of the CO-PO mapping and its realization model. These documents are based on the achievement of course outcomes and program outcomes, as well as student performance and learning.

KEYWORDS: *Course Outcomes, CO-PO Mapping, Program Outcomes, Outcome Based Education*

Article History

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INTRODUCTION

The implementation of OBE is mandatory to obtain the authentication of the National Accreditation Board [1]. An OBE statement can be processed as "an outcome is a visual and visual representation of knowledge, competence, and orientation at the end of a learning experience." [4]. Therefore, it is imperative in the implementation of OBE to first identify or determine the desired or identified outcomes, program curriculum, teaching and learning methodology, and support facilities. Various measurement methods are used throughout the program to obtain the results of the course.

These outcomes are typically information, abilities, or attitudes that equip students for professional practise [3]. In general, outcomes are examined at three levels: course level (course outcomes), programme level (programme educational objectives), and professional level (professional outcomes) (Program Outcomes). The methods used to analyse or evaluate the performance of certain teaching outcomes for the Course Outcomes (CO) of the curriculum are described in this paper. Students anticipate CO to have the major they expect after graduation. To measure the student's achievement in a particular course, it is required to assess whether or not the CO has been met. The CO receipt result is also used to assess whether or not programme results have been received (PO). The analysis' findings are put to good use.

This is Based on Student Performance and Learning Outcomes

- The department is focused on conceptualising and distributing the most recent findings in the discipline. Practical exposure, communication skills, ethics ideals, and social responsibility are all used to achieve this. Presentations, case studies, group discussions, class assessments, and tutorials are all built into departments.
- Group discussions and presentations on general and theory-based subjects are held on regular basis in class to help students improve their communication abilities.

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S. Arora

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Editor-In-Chief-IASET

RESEARCH TRENDS, CHALLENGES, AND THE FUTURE OF AI IN DATA SCIENCE

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ABSTRACT

Pandemic is really putting every field to check for human alternate as social distancing becomes mandatory. This adds fuel to the rise in demand for digital workforce even after pandemic when everything becomes normal. This is being achieved easily with the help of AI. The world has started witnessing Data as real wealth anyone can have. Now we can relate how data is viewed by Data science and AI. Data Science will use AI for data analysis. In this paper let us discuss some of the Research Trends, Challenges and the Future of AI in Data Science.

Keywords: *AI, Data Science, Research Trends, Challenges, Application.*

Introduction

Artificial Intelligence becomes more competing and efficient but it can't replace human intelligence. Humans can observe the things around them and able to easily compare them with the previous event and able to act in the way needed by rectifying the faults. However, AIs don't exactly match that capability just yet. AI is just enormous data bank to achieve their goals. This means that AIs require a huge pool of data to do something as simple as editing text. AI is nothing but the process in which we make machines capable of thinking and understanding like humans. For example, an AI-powered car is making decisions in a way, a human would make while driving that car. Other examples of AI are facial recognition, translating, chatbots, etc. Data science is a bigger ecosystem and machine learning is a part of entire data science as field. Data science has machine learning, data analysis and other data cleaning as different pieces so machine learning is the one such field of data science.

AI uses a subfield of Machine Learning called Deep Learning. Deep Learning is nothing but is basically a fancy term for Neural Network which is making machines thinks like human brain. AI uses a part of ML subpart of this is called Deep Learning and use ML in AI but not fully. So, AI comprises of many field NLP, Machine Learning, computer vision, Robotics etc. ML is that area that is used in both in Ds when you solve business problem when it is used in AI, when trying to creates products that mimic human being so it is totally depends on the application whether it is business app or DS and for making machines behave like human being becomes AI.

Data Science is a very vast field; it is being used in many industries. But in its core, Data science is the study of existing data and then providing insights about it and making further predictions. Data Science is the combination of several fields of knowledge like data, domain knowledge, computing and so on. But not all data scientist will have knowledge of these areas. Also they may have expertise in other areas too. Data Science uses many algorithms [1] for better predictions in all contexts such as business and society. For example, Scientists are feeding existing earthquake data to data science algorithms [2] to find insights and then predict how many earthquakes might happen in the future.

AI and Data Science are connecting every component of life starting from finance to ecommerce to medical and so on. In theory, both Data Science and AI might not look connected, but they have one thing in common. How can you make a machine learn human behaviour like driving in AI? How will data science algorithms make a prediction based on only data?

Both AI and DS are playing major roles in the industry from healthcare to finance and manufacturing. The Data Scientists collect and clean the data as well as structure and organize the data for analysis. Various statistical reasoning techniques are being applied to this data to extract useful patterns. AI scientists then learn from the data and apply machine learning and especially deep learning techniques to make predictions about the future as well as to make the best possible decisions

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CERTAIN UNIFIED INTEGRALS PERTAINING TO KIRYAKOVA MULTIINDEX- MITTAG-LEFFLER FUNCTION

SHALINI SHEKHAWAT, VISHAL SAXENA

ABSTRACT. The aim of the present paper is to establish three new integrals whose integrands involve the product of multivariable H-function and the multi-index Mittag-Leffler function due to Kiryakova having general argument. A number of results follow as particular cases of integrals established here.

1. INTRODUCTION

The Mittag-Leffler function [10] first introduced by Swedish mathematician Gsta Mittag-Leffler, is of great importance and attracted a lot of focus of researchers. This function can interpolate between exponential and hypergeometric function. The function plays an active role in solution of various differential equation of fractional order arose in the field of engineering physics, mathematical biology and applied sciences problems.

In the first section we define the functions involved in our main results. Second section comprises of three integrals evaluated here. Some particular cases are specified in section three and in last the work of this paper has concluded.

The multivariable H-function introduced by Srivastava and Panda[5] is defined and represented as follows:

$$H\left[z_1, \cdots, z_{r+1}\right]$$

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RESEARCH ARTICLE

Comparing the Physico-Chemical Characteristics of Formulated and Marketed Yashada Bhasma

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ABSTRACT:

The present study is aimed to observe the difference in the Physico-Chemical characteristics of the marketed and formulated bhasma samples through X-Ray Diffraction analysis (XRD), Dynamic Light Scattering (DLS), Zeta potential, Thermo-Gravimetric analysis (TGA), Scanning Electron Microscopy (SEM) and Energy Dispersive X-Ray analysis (EDAX), apart from organoleptic methods. Inductively Coupled Plasma Mass Spectroscopy (ICPMS) analysis was also done to observe the presence of trace and heavy metals so that the safety of all these samples could be ensured. XRD shows variation in oxide nature of zinc as well crystallite size in all bhasma samples. DLS and SEM results show difference in particle size of marketed bhasma samples as compared to formulated Yashada bhasma. EDAX and ICPMS also confirm the alteration in elemental composition of all these bhasma samples. Thus, it can be concluded that these ayurvedic medicines should be prepared strictly using the formulation methods as mentioned in the Ayurvedic texts. This will help the prepared products to adopt the inherent quality of the ancient system of medicine, which shall be useful and devoid of any side effects for human consumption.

KEYWORDS: Ayurvedic formulation, Yashada bhasma, X-ray diffraction, Scanning Electron Microscopy.

INTRODUCTION:

According to WHO, about 70% of world population extensively use traditional and alternative medicines for the healthcare[1]. "Ayurveda" which exactly means "knowledge of life". This traditional form of medicine is thought to be thousands of years old, Ayurveda remained as applicable as ever then and now—and it is given great importance every day as individuals globally use its timeless knowledge in their everyday lives.

Bhasma which is an ancient medicinal trend is a beautiful gift of Ayurveda given to the humankind. The bhasma is the incinerated state of metals which is prepared taking a lot of care to remove the metallic qualities of the original metal and transform it into nano size particles, which makes it to adopt medicinal qualities and used for treatment of human beings[2,3,4,5,6].

According to the experts of these shastras, the process of preparation should be strictly followed to get the exact component. It means all these metals with plant and herbal extracts added to it, should be prepared with the same lengthy process propounded for it and incinerated in the same manner as mentioned in the shastras. This result in the metals to lose its metallic qualities and toxicity and change into such compounds which have medicinal and healing qualities of very high grade which when taken as medicines by human beings is absolutely safe and works as a curative drug without any side effects.

In Ayurveda, Yashada bhasma has great medicinal value, and had been in use since hundreds of years for various medicinal purposes like eye disorder, diabetes, blood disorder etc. It is very useful in treatment of Leucorrhoea, eye disorder, Eczema, anemia, respiratory disorder, wound healing etc[7]. But, validation of this biological formula has not been introduced, due to which the quality control of this product has not been taken care of. It is believed that standardization is the

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Candy Shape Microstrip Patch Antenna for Wireless Applications

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***Abstract*—The antenna configured in this manuscript is a square patch that occupies an area of 144mm2. Aerial is fed by microstrip feed line of 3.6 X 14 mm2 (W X L). Using CST Microwave Studio Suite TM, the structure put forward has been planned as well as discussed. The antenna operates from 3.4 - 9.1 GHz with VSWR ⩽2 and gain as 3.9dB. The design of aerial put forward has been made on FR4-epoxy (ε_r= 4.4) substrate with thickness of sheet as 1.59mm. Inside the patch cylindrical slot with inner and outer radius as 3 and 5 mm respectively is done. At 180^0 both concentric circles are joined by square patch. Isosceles triangles have been cut inside to achieve better impedance matching. Parametric analysis of the aerial has been done. Patch has low latency, low cost, also has good results in terms of bandwidth, gain, VSWR. It is fit for utilization in WiMAX, IEEE 802.11a WLAN, C band (4-8GHz) and partial S and X bands.**

***Keywords*—Square patch, Microstrip feed, Return Loss, VSWR, Gain, Radiation Pattern, WiMAX, WLAN, C Band.**

I. INTRODUCTION

With the increasing demand and high-speed improvement in the field of communication fraternity, a special attention has been given to patch aerial. Its thin weight and its low fabrication price adds up to its convenience and it becomes easy to be used in various appliances of IoT [1, 2]

With fast evolution in Wireless Communication System there is improvement in demand of antenna designs since February 2002. These days when the world is transforming and adopting wireless communication system, patch aerials are highly crucial. They are capable to come up with foundation for different operations at varying frequency bifurcations. Although oscillating at one frequency, its low value of gain and confined bandwidth are few of its limitations; consequently, there is a requirement for few alterations in its formation [3-4].

The expanded range of frequencies is possible to be accomplished by scheming a proper way of feed which is L-shaped and circular patch with slots. The bandwidth obtained was 3.45 GHz to 4.5 GHz [5]. An altered design was made for strengthening the operation of aerial with reference to multiband frequencies as per the need by adding slots on ground [6].

Aerial with rectangular patch and slots has been fabricated to make it applicable for C band [7].

Rectangular patch along with the same two slots in shape, and a ground plane which has elliptical and rectangular slots has been used for frequencies of 1200 MHz, 2450 MHz and 5640 MHz. Gain achieved of this design was 6.31 dBi [8].

To improve bandwidth air or thick foam substrate of parasitic stacked patch has gained popularity but made it bulky [9].

The different methods are researched for attaining the broad and multi-band aspects by making cuts and reduction in cost in transmitter and receiver [10 -16].

II. GEOMETRICAL CONFIGURATION AND MATHEMATICAL MODELING OF ANTENNA

The topology of the proposed microstrip wideband antenna, fed by 50 Ω microstrip feed line is depicted in Fig. 1 with the dimensions of aerial in Table 1.

Measurements of square microstrip patch antenna are calculated using underneath equations (1) - (5) [10]

$$L = \frac{c}{2f\sqrt{\varepsilon_r}} \quad (1)$$

where length and width are same because square patch antenna is designed. C represents light's velocity, f= 5.9GHz. For the calculation of fringe factor, first calculate effective dielectric constant (εreff) and L as

TABLE I. DIMENSIONS OF THE PATCH

Length and breadth of patch	12 mm.
Length of substrate	30 mm
Width of substrate	20 mm
Length of ground	12 mm
Width of ground	20 mm
Length of feed line	14 mm
Width of feed line	3.6 mm

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Circular Slotted Microstrip Patch Antenna for Wireless Applications

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Abstract— **A slotted circular microstrip patch aerial is formulated for wireless applications with a deficient ground in this paper. More miniaturization is accomplished using slots and defective ground, as well as a wide impedance bandwidth and gain. The simulation and analysis are done to understand the factors of the aerial utilizing the CST (Computer Simulation Technology) Microwave Studio Simulator to acquire the required outcomes. The aerial has a patch area of 78.5 mm^2. The frequency range that was collected for the study was 3.83 – 11.53 GHz. At 4.4 GHz, 7.9 GHz, and 10.25 GHz, the aerial resonates. The bandwidth can be improved by using this antenna. The implied aerial is built on an FR-4 substrate with ambits of 18 * 11 mm^2. In WLAN, X band, and UWB applications, aerial is applicable.**

Keywords—Microstrip patch antenna, Circular patch, return loss, UWB antenna, FR-4 substrate, CST Microwave Studio Simulator.

I. INTRODUCTION

In today's world of wireless communication system, microstrip patch antennas are very important. The first UWB connection apparatus was installed in London in 1896 to connect two post offices distant by over a mile. The major asset of the UWB system, according to the Shannon-Hartley theorem, is that its channel potential corresponds to the bandwidth. Because of its ultra-wide frequency bandwidth, the UWB can handle a massive capacity of hundreds of Mbps. Because of the low strength density, it is capable of providing a very safe and dependable communications structure [1]. According to the FCC, the UWB spectrum for commercial applications runs from 3.1 to 10.6 GHz. In the applications of portable Internet of Things (IoT), antennas that absorb less power are used and are smaller, lighter, and easier to build. Along with these features, receiver that can avoid collisions should be selected. Many experts have proposed receiver designs with band notches as a solution to this problem, either by radiating the patch, modifying the ground or both. Band notches are made using different techniques. To work in a multiband with notches at intense frequencies, tiny slots are etched in the radiating surface or ground plane in some receivers [2-5].

This was done to prevent interference amid UWB and other narrowband systems without raising other costs or system size. To eliminate interferences, several design configurations along changes to the ground, radiating patch, or both have been recommended. L-shaped, F-shaped, S-shaped, arc-shaped, or Scuplt-shaped channels are offered to accomplish desired properties [6-7]. The aerial electromagnetic (EM) characteristics have deteriorated due to increased difficulties, losses, and a growing geometry of the system that requires more operational power. As a outcome, a UWB antenna with band rejection capabilities, etching, and channel placement appears to be more desirable and cost-effective to construct. According to IEEE standard distributed frequency diapason, this aerial has an impedance bandwidth of over 2 GHz, which is applicable for usage in GSM mobile phones operating at 800 – 900 and 1800 – 1900 MHz. Many other public and commercial applications, such as mobile radio and wireless communications are also applicable [8-10].

II. ANTENNA DESIGN

The upper layer is said patch, beneath layer termed as the ground, and a dielectric substrate between them make up a planar microstrip patch receiver. Distinct patch structures such as square, rectangular, elliptical, circular, and hexagon can be sculpted to conceive a planar microstrip patch antenna. The upper layer assist as a transmitting aerial radiator and a receiving antenna's receptor, while the bottom flim assist as a ground plane, which can be either a plane or a defective surface. The fringing effect amid the corners of the planned patch complex and the ground plane causes receiver radiations in microstrip patch antennas (MPA). Patch antennas can be intended with a variety of geometries to accomplish resonant frequency ranges for definitive operations. Circular patches are gaining acceptance these days due to their higher bandwidth, gain, and small size.

The implied wideband circular patch antenna for wireless operations is shown in Fig 1. The substrate is formed of FR4 (ε_r=4.4) material with a compactness of 1.59 mm. W_substrate and L_substrate are two variables that determine the width and length of the substrate, respectively. The goal is to attain compactness in an aerial circular patch with a radius of 5 mm. Square slots with 30^0 circumvolutions are assembled on the patch's exterior surface. To expansion gain and bandwidth, an I alphabet channel and two smaller circular channels are situated in the patch's essence. To enhance its performance traits, a rectangular deficient ground complex is chosen. Impedance matching along a 50 ohm lumped port is accomplished using the microstrip feed approach.

The planned complex shows in Figure 1. All dimensions of the antenna are shown in Table -1. To attain optimum outcome, Parametric scrutiny of substrate substance and thickness, ground proportions, emphasis in the etched patch, and removal of several embody have been done in the design to get better results. Because of their multiband essential Sculpt patch and deficient ground show more relevant outcomes.

CPW-Fed Dual-Sense Cross-Shaped Broadband Circularly Polarized Antenna for Wireless and Satellite Application

Monika Jangid ✉, M. M. Sharma & Jaiverdhan

Conference paper | First Online: 02 September 2021

Part of the Lecture Notes in Electrical Engineering book series (LNEE,volume 771)

Abstract

In this work, dual-sense cross-shaped broadband circularly polarized antenna is presented. It has an asymmetric modified cross-shaped feed line with four rectangular stubs and a small circular slot. A modified CPW ground plane can generate circular polarization (CP). The proposed antenna provides dual-sense CP, i.e., RHCP and LHCP by changing the port excitation. The simulated results demonstrate ultra-wideband (UWB) impedance bandwidth (IBW) ranging from 3.6 to 16.7 GHz (129%) and broadband 3-dB AR bandwidth ranging from 4.2 to 8.7 GHz (69.76%). Two rectangular-shaped stubs in the lower-left corner and grounded circular slot are embedded to improve the antenna isolation more than 15 dB over the usable frequency range. The proposed antenna has high gain, good LHCP, and RHCP polarization and

Optical and Wireless Technologies pp 311–319 | Cite as

Dispersion Engineered $AsSe_2$ Based Chalcogenide Photonic Crystal Fiber for MIR Region Supercontinuum Generation

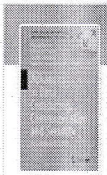
Vaibhav Gupta, Jaiverdahan, Vinay Kanungo, Rukhsar Zafar, Sandeep Vyas, Anand Nayyar & Ghanshyam Singh

Conference paper | First Online: 02 September 2021

Part of the Lecture Notes in Electrical Engineering book series (LNEE,volume 771)

Abstract

A highly nonlinear chalcogenide glasses have been studied in this paper for a broadening supercontinuum generation. This research demonstrates the generation of supercontinuum expanding from 1000 nm to over 15,000 nm through pumping pulse of peak power 5 kW in an extremely nonlinear $AsSe_2$ based chalcogenide microfiber. The conventional ring-shaped air



Advances in Data Computing, Communication and Security pp 601–612 | Cite as

Cryptography-Based Efficient Secured Routing Algorithm for Vehicular Ad Hoc Networks

Deepak Dembla, Parul Tyagi, Yogesh Chaba, Mridul Chaba & Sarvjeet Kaur Chatrath

Conference paper | First Online: 29 March 2022

Part of the Lecture Notes on Data Engineering and Communications Technologies book series (LNDECT,volume 106)

Abstract

There exist certain challenges like high overhead, poor performance, and detection of

A Model Based on Fuzzy C-Means with Density Peak Clustering for Seismicity Analysis of Earthquake Prone Regions

Ashish Sharma, Satyasai Jagannath Nanda, and Rahul Kumar Vijay

Abstract The occurrence of every earthquake has an enormous impact on society and the human community. Thus, there is a need to develop effective methodologies to analyze the spatiotemporal distribution in earthquake-prone regions. In this paper, a three-stage hybrid model based on Fuzzy C-Means (FCM) and Density Peak Clustering (DPC) algorithm is proposed for this analysis. The proposed model considers coordinate, occurrence time, event's magnitude, and depth for identifying the earthquake aftershock clusters and the background events present in an earthquake catalog. The seismicity analysis of the Philippines and New Zealand earthquake regions is carried out using the proposed model considering the last 30-years data from 1990 to 2020. The obtained results with the proposed model reveal that background events follow a uniform distribution in a short time interval, whereas aftershocks have time-varying distribution in accordance with the occurrence of the main shocks. Comparative analysis has been demonstrated with five other benchmark de-clustering models proposed by Gardner and Knopoff (GK), Uhrahemmer, Raesenberg, Gruenthal, Vijay, and Nanda, respectively.

1 Introduction

Seismic events are correlated in space and time due to their appearance along the faults. Thus, their behavior can be analyzed in space and time domains by employing signal processing and data mining tools. Several seismologists have analyzed

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S.no	Faculty Name	Department	Paper Title	Date of Publication	Journal Name	ISSN/ISBN	Volume/ Isssue	Open Access (Y/N)	Peer Reviewed (Y/N)
1	Mr Amit Mithal	CSE	Diabetes Prediction Model Comparison Between XgBoost and SVM Algorithms	2022	International Journal of Advanced Research in Science, Communication and Technology	ISSN 2581-9429	Volume 2, Issue 6	Y	Y
2	Dr M P Singh	ME	Analysis of Developments on Mechanical Properties of 7xxx Series Aluminum Alloys: A Review	Oct. 2021	International Journal of New Technology and Research (IJNTR)	ISSN:2454-4116	Volume: 7, Issue :10	Y	Y
3	Mr Yogesh Dubey	ME	Analysis of Developments on Mechanical Properties of 7xxx Series Aluminum Alloys: A Review	Oct. 2021	International Journal of New Technology and Research (IJNTR)	ISSN:2454-4116	Volume: 7, Issue :10	Y	Y
4	Vipra Bohra	ECE	A Quick Evaluation on COVID-19: A Remarkable Situation to Public Fitness	22 September 2021	World Journal of Innovative Research	2454-8236	2454-8236	Y	Y
5	Vipra Bohra	ECE	An Probing Covid-19 Data Analysis Across World	04 February 2022	International Journal of New Technology and Research	2454-4116	2454-4116	Y	Y
6	Vipra Bohra	ECE	A Review on Human Activity Recognition Techniques and Comparative Performance Analysis	1 February 2022	World Journal of Innovative Research	2454-8236	2454-8236	Y	Y

S.no	Faculty Name	Department	Paper Title	Date of Publication	Journal Name	ISSN/ISBN	Volume/ Isssue	Open Access (Y/N)	Peer Reviewed (Y/N)
7	Anima Shatma	CSE	Nitrogen and Chemical oxygen demand removal of nutrient rich waste water which is used in reactors	January 2022	International Journal of Education Modern Management,Applied Science & Social science(IJEMMASSS)	2581-9925	Volume 4	Y	Y
8	Dr. Krishan Kumar Saini	CE	Use of Regression Model for Water Parameter Prediction of Godwar Region	August 2021	Indian J. Environmentel Protection	0253-7141	Volume 41	Y	Y
9	Dr. Krishan Kumar Saini	CE	Ground Water Quality Assessment & its Feasibility for Drinking Purpose: A Review	March 2022	Bulletin of Environment, Pharmacology and Life Sciences	2277-1808		Y	Y

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CERTIFICATE OF PUBLICATION

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THIS IS TO CERTIFY THAT

Amit Mithal

Jaipur Engineering College and Research Centre, Jaipur, Rajasthan, India

HAS PUBLISHED A RESEARCH PAPER ENTITLED

Diabetes Prediction Model Comparison Between XgBoost and SVM Algorithms

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Analysis of Developments on Mechanical Properties of 7xxx Series Aluminum Alloys: A Review

Yogesh Dubey, Dr. Pankaj Sharma, Dr. M. P. Singh

Abstract— **This paper analysis some studies of 7xxx series of high strength aluminum alloy and a trial has been made to focus on the processing, heat treatment, properties and applications of the 7xxx Al alloy from the present literature on the 7xxx alloy. The properties of mechanical having fatigue, tensile and fracture hardness properties which further discussed and timely supported and analyzing the experimental data. The main consequences are strain corrosion exfoliation and cracking corrosion and they are also reviewed mainly. The black color anodic coatings are generally used on aerospace self-propelled vehicles for thermo-optical properties and discussed their chemical characteristics of that black colored anodic thin films with mechanical and thermoplastic properties, and all this is considered as a main function of all operational conditions of particular method. There are few samples which were welded by traditionally methods using solo sides and bobbing tool friction stir welding processes considering different parameters of welding. There were compressive behavior and processing maps of cast, as-cast and extruded 7075 Al alloy taking identical grain size of 310-360 μm which further studied and equated with references. There are some works reported the fabrication of Al alloy 7075 with corundum Al2O3 particles of corundum and B4C considering stir casting methodology. After this the recrystallization nature of 7085 Al alloy in particular period of hot compression at many stages temperaturesrange of 563–733 K and strain rates of 0.011–10 s−1 which was tested using Electro-Probe Microanalyzer (EPMA), Electron Back Scattered Diffraction (EBSD) and Transmission microscopy (TEM). The main influences after considering ageing temperatures over mechanical properties, precipitation and corrosion behavior features of 7085 Al alloy and were investigated using intergranular corrosion tests, transmission microscopy, tensile testing and polarization curve measurement observation. Main aim of conducting this type of review analysis is to realize the fact of higher understanding of all parameters which are further governing the fatigue crack effects and discontinuities to facilitate the larger prediction of lifecycle of fatigueness.**

Index Terms— **Transmission Microscopy, 7xxx Series, Electro-Probe Microanalyzer, Electron Back Scattered Diffraction, aerospace engineering.**

I. Introduction

There are many Aluminium alloys where Aluminium is main constitute. Copper, silicon, tin, zinc, magnesium and manganese are the main constituents of Aluminium alloys. The two main classes are casting alloys and wrought alloys. both these categories are splitting in the groups of non-heat and heat treatable. Nearly 80% of Aluminium is casting for shaped products and there are various examples like rolled foils, extrusions products and as rolled plate. Aluminium alloys products are very cost effective because of its low melting point and after this they are usually having low tensile strength comparing with wrought alloys. Al-Si alloy structure is very expensive where silicon constitutes 4-13% in casting characteristics. Aluminium alloys are mostly acknowledged in assemblies, machineries, erection, fabrication, welding also etc. and Al alloys are light weight and having corrosion resistance properties.

The alloys which are composed mainly of Aluminium were playing very important role in aerospace engineering and most of the aircrafts and space ships are using light weight layers of these alloys. On the other hand, Aluminium and manganese alloys are lighter than most of the Aluminium alloys. These are less igneous than alloys which holds a very large magnesium percentage.

The Aluminium alloy will produce white color surface and protecting layer of Aluminium are left out unprotected short of anodizing by accurate painting procedures. In many cases of environmental, the galvanic corrosion may arise Aluminium alloy and placed with electrical contacts and many other metals considering extra corrosion than Aluminium. An electrolyte presenting will permit ion exchange. This is mentioned as dissimilar corrosive metal, and this methodology may occur as extra which is wholly natural or as intergranular corrosion. The Aluminium alloys can be improperly treated in heat. All this can cause internal partition of element and after this the metal getting corrosion under many articles and products.

The Aluminium alloys were registered by 'The Aluminium Association'. There are many organizations which issues a very fine specific standards for manufacturing of Aluminium alloys as well as the other society like 'Automotive Engineers Standard Organization' which precisely examine aerospace standards subgroups and also American Society of Mechanical Engineer International.

There are many Aluminium alloys series used in aerospace industries. They are 7010, 7049, 7050, 7055, 7068, 7075, 7079, 7085, 7093, 7150, 7178, 7475 etc. which improves overall features and performance of Al-Zn-Mg-Cu alloys to encounter the main requirements of big aircrafts like A320 components which gains attention from industries. The very big scale production like bulk items and thick plates, the quenching sensitivity of Al-Zn-Mg-Cu alloys are critical factors and that should be considering because of an insufficient quenching rate at center of production results

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World Journal of Innovative Research (WJIR)
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A Quick Evaluation on COVID-19: A Remarkable Situation to Public Fitness

Priya Joshi, Vipra Bohara

Abstract—**Very lately a singular coronavirus, SARS-CoV-2, become recognized because the causative agent of a virulent disease of viral pneumonia targeted round Wuhan, Hubei, China in Dec 2019, now referred to as as COVID-19. In this article, the modern-day understanding of lethal, pandemic human coronavirus SARS-Cov2 (COVID-19), with unique connection with its zoonosis, susceptibility, and distinctive techniques to expand its therapeutics, may be discussed**

Index Terms- **SARS, MERS, COVID-19**

Abbreviations: **CoV: corona virus; cdc: centres for ailment manage and prevention, WHO: international fitness organisation, SARS: Severe acute respiration syndrome; NIH: countrywide institute of fitness, NIAID: countrywide institute of allergic reaction and infectious diseases, NHSS: countrywide fitness safety strategy, IFN: Interferon, MERS: Middle east respiration syndrome, HCoV: Human corona virus.**

I. Introduction

The first excessive acute respiration syndrome coronavirus (SARSCoV) outbreak in China (in 2003), which spreads out in 29 nations to this point and inflamed approximately 9000 human beings with extra than 10% mortality [1]. Soon after 5 extra human coronaviruses (HCoV-229E, HCoV-HKU1, HCoV-NL63, and HCoV-OC43) are determined additionally to be related to a number respiration symptoms, along with high-morbidity consequences consisting of pneumonia and bronchiolitis [2]. In 2012, any other virus MERS CoV (Middle East Respiratory Syndrome coronavirus), become remoted from a affected person with pneumonia in Saudi-Arabia [3].

However, a totally current outbreak of a extra excessive acute respiration syndrome (SARS)- related coronavirus (SARS-CoV-2) which one reasons COVID-19 ailment, a maximum involved factor, now-a-days, to human fitness. Not best the fitness however it triggered a catastrophe in human social, monetary and lots of different components of life, being the ailment is especially infectious and deadly too. (Several Review via way of means of CDC, WHO, NIH, etc). In fact, Sars-CoV-2 is originated on twenty sixth December 2019 at Wuhan town of China, and reasons a life-threatening pneumonia, and is the maximum pathogenic human coronavirus recognized to this point [4]. No statistical statistics at this factor might be best for the reason that ailment development in addition to mortality price is growing at an exponential price. As of April 4th, 2020, in keeping with CNN reports, the global inflamed instances are approximately 1,192,028; Deaths 64,316. In USA, inflamed instances are 308,533 and loss of life 8,376.

II. Steps for Paper Submission

A. Study Design

Sources of Corona Virus and Zoonosis, Diagnosis of Corona Virus in Human; Approach for Finding Therapeutics, had been highlighted.

B. Results

The zoonosis **proven** in Table 1. Preventive measures till right medicinal drug is to be had proven in Table 2

III. Origin for Corona Virus and Zoonosis

Sars-CoV-2 like different human corona virus, MERS-CoV, SARSCoV, has is originated from Bats [5]. The zoonosis has proven in Table 1. Like Flu virus, SARS-CoV-2 are succesful to contaminate the respiration device, and facilitating the unfold thru coughing and sneezing, specifically to the immune-compromised and the aged human beings [6], However, not like to different not unusualplace bloodless or hypersensitivity issues, SARS-CoV-2 assault in particular decrease respiration tract, and consequences lethal Pneumonia [7]. No medication is there yet, both manage and/or cure, however best numerous efforts for prevention.

IV. Recognition of Corona Virus in Human

A Chest radiography well-known shows standard function of bronchiolitis. Recognition of unknown pathogens via way of means of the usage of molecular biology gear appears difficult, while genome-particular PCR primers may be designed for RT-PCR analysis. The life of restrict enzyme fragment period polymorphism (RFLP) also can be done. The CDC and NIAID each evolved a check to diagnose COVID-19 in respiration and serum samples from scientific specimens [5,8].

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An Probing Covid-19 Data Analysis Across World

Priya Joshi, Vipra Bohara, Ram Kishan Bairwa

Abstract—**The aim of the report is to provide the data analysis of COVID-19, a pandemic started in December 2019 and still continued from which lot of lives affected worse.**
In this report, we will learn that how to pre-process and merge datasets and we will calculate required measures and produce them for an analysis. By studying data from various countries we have a datasheet contains three datasets. One includes the number of confirmed covid-19 cases and another includes confirmed covid-19 deaths in each country taken cumulatively on daily basis. Another one consists of a number of life factor score of people of each such country so that we can analyse if there is any specific pattern or trend between the spread of covid-19 and contentment score of citizens of that country.
Index Terms- **Covid-19, Data Analysis.**

I. INTRODUCTION

COVID-19 DATA ANALYSIS

As a data analyst, one always faced with a problem to solve or a question to answer. Our job is to work with different data sources. We should know what are the steps we should take to prepare the data sets and how to look at our data set to find a good measure to calculate for establishing our analysis and to solve the problem in this report, we are going to answer to this question.
Is there any relationship between the spread and related deaths due to corona virus in a country and how happy people are living in that country?
In order to answer the question, we're going to work with three data sets.
Covid19 confimed cases Data set and covid19 deaths data set published by John Hopkins University, which consists of the data related to a cumulative number of confirmed cases indifferent countries per day. The another data, is a data set related to World Happiness Report. The world happiness report is on annual publication of the United Nations .This data set consists of scores given by people those people who are living in different countries to various life factors, such as freedom to make life choices, healthy life expectancy, social support etc.
We're going to merge these data sets and calculate a measure which can help us to find the answer to the question that we have. And at the end, we will visualize the results.
We will work with python* programming language and with jupyter notebook along with Microsoft excel also some modules in python, such as pandas NumPy, matplotlib and Seaborn.

Data Description

Data contains multiple files which includes -

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Ram Kishan Bairwa, Assistant Professor CSE, Yagyavalkya Institute of Technology Sitapura, Jaipur, India

Covid19_confirmed_dataset:

Having Columns ['province/state', 'country/region', 'Latitute', 'Longitude' and cumulative cases between
22nd January 2020 to 30th April 2020]
covid_confirmed_cases

Covid19_deaths_dataset:
Having Columns ['province/state', 'country/region', 'Latitute', Longitude' and death cases between
22 January 2020 to 30 April 2020]
covid_death_cases

Worldwide_happiness_report : The World Happiness Report is a publication of the United Nations Sustainable Development Solutions Network. It **contains articles and rankings of national happiness**, based on respondent ratings of their own lives, which the report also correlates with various (quality of) life factors.
Having Columns ['overall rank', 'country or re score', 'GDP per capita', 'Social support', 'Healthy life expectancy', 'Freedom to make life choices', 'Generosity', 'Perceptions of corruption']
worldwide_happiness_report.csv

A. *Per Capita GDP?*

Per capita gross domestic product (GDP) is a financial metric that breaks down a country's economic output per person and is calculated by dividing the GDP of a nation by its population.

1) *KEY TAKEAWAYS*

Per capita gross domestic product (GDP) calculates a country's economic yield per person and is measured by dividing the GDP of a country by its population.Per capita GDP is a global measure for gauging the wealth of nations and is used by economists, along with GDP, to examine the wealth of a country based on its economic growth.Rich, small countries and more developed industrial countries prone to have the highest per capita GDP.

B. *Social support in a country.*

Social support was based **on self-reports of access to support from relatives and friends**. Our outcome indicate that the linkage between social capital and health is not confined to high-income countries but increased across many geographical regions in any case of their national-income level.

C. *Freedom to make life choices*

Freedom of choice describes **an individual's chance and autonomy to perform an action selected from at least** two obtainable options, unconstrained by external parties.

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A Review on Human Activity Recognition Techniques and Comparative Performance Analysis

Rohini Bhattarai ,Vipra Bohara

Abstract— **In this paper, we discussed about the several machine learning algorithms and its use in recognition of human activity .Human activity recognition is an active field of research today that aims to understand human behavior by interpreting sensory information collected from humans and their living environment. Machine learning is an evolving branch of the computational algorithms that are designed to find the human intelligence by learning from the surrounding existing environment and it considered the working horse in the new era of the so-called big data also. The techniques based on machine learning have been applied successfully in diverse fields ranging from pattern recognition, computer vision as well on spacecraft engineering, finance, entertainment, and computational biology to biomedical and medical applications. These are few types of machine learning: supervised learning, unsupervised learning, and reinforcement learning. Machine learning have neural networks like ANN, RNN, CNN and algorithms classifier like first is Linear Models, Logistic Regression, Support Vector Machines.second is Non-linear Models. K-Nearest Neighbours. Kernel SVM. Naïve Bayes, Decision Tree Classification, Random Forest Classification. This paper shows the technology analysis of some recent existing human activity recognition techniques using different algorithm and neural networks. At end of this review paper compared results show the accuracy parameter of different algorithms.**

Index Terms— Biomedical, Human Activity Recognition, Machine Learning.

I. INTRODUCTION

Human activity recognition is an active field of study today. This aims to understand human behavior through expounding sensory information collected from humans on their basic activities, using sensors like accelerometer or gyroscope. One of the methods for collecting user activity data is through portable sensors. Using portable sensors, you can easily and directly collect data which describe physiological signals, movement and position from the user. But these sensors have some drawbacks, which is being intrusive and restricting the movement of users. To overcome from this drawback and smooth sensing operation, we can use smart phones for portable sensing operation. Also the smart phone has following advantages I) Smartphone have embedded sensors like motion sensors (accelerometers) gyroscope, magnetometer, GPS, etc. II.) In this advanced era of technology people are more familiar and comfortable with smart phones because they are constantly using these devices. In this work, we propose a new smart phone-based online HAR system for classifying activities using multi-class support vector machine (SVM) that performs activity probability estimation for each activity of user. When combined with the predictions from previous samples, these estimates are interpreted as activity probability signals, and eventually they are heuristically filtered to improve classification accuracy. Although various HAR datasets have been published, only a few publicly available HAR datasets include Smartphone supported data.

This work can be used in health applications such as care and monitoring of the elderly. In recent years, with the rapid development of smart gadgets and technologies, the value of ubiquitous systems has become a major attraction for researchers. The automatic recognition of human activities in everyday life is of great importance in a wide range of applications related to robots, intelligent surveillance, network video exploration and traffic safety. Much research has been done in the field of HAR using vision-based or sensor-based methods. Due to certain difficulties, including background confusion, limited occlusion, changes in point of view and lighting, and camera movement, it is challenging to identify human activity from still images or video sequences. In addition, it is impossible to carry out ubiquitous field surveillance of human activities using static cameras. These challenges are addressed using small motion sensors for HAR, including body inertia sensors and Smartphone sensors. These sensors provide the ability to stay with humans throughout the day and provide universal monitoring of human activities. Therefore, sensor-based HAR has become crucial in detecting and identifying human activities in nature.

II. HUMAN ACTIVITY RECOGNITION

There are several surveys in the human activity recognition literature, like taking inspiration from inception and dense networks for human activity recognition using Inertial Sensors given by Hamza Ali Imran et al. [6]. Human Activity Recognition (HAR) is an imperative area of investigate because it provides huge applications such as health monitoring, sports, entertainment, effective human-machine interfaces, childcare, education and more There are many. The use of computer vision to recognize human activity has several limitations. Given the advantages of inertial sensors over traditional computer vision technology, it has become the norm to use inertial sensors (including accelerometers or gyroscope sensors) in HAR today. In this article, we propose

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Use Of Regression Model For Water Parameter Prediction Of Godwar Region

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Water samples were collected from 20 stations of the Godwar region where human and animal activities were elevated. Multiple samples were analyzed for dissolved oxygen (DO), biochemical oxygen demand (BOD), chemical oxygen demand (COD), pH, total dissolved solids (TDS) and temperature (Temp.). The total data points were used to ascertain relationships between the parameters and data were also subjected to statistical analysis. First, a linear regression model was established between DO/BOD, COD/DO, BOD/COD, COD/pH, BOD/pH and DO/pH. A high to moderate correlation coefficient was observed as R^2 ranged from 0.889 to 0.034 for these parameters. Then a multivariate linear regression model was setup for BOD and COD as dependent variables and DO, Temp., TDS and pH as four independent variables. The performance of the multivariate linear regression model was justified with statistical variables like average square root error (ASRE) and universal efficiency (UE). The predicted value of BOD and COD by model and regression analysis was in close agreement with their respective measured value. It was found that the pH parameter has more effect on BOD and COD as compared to predicting another parameter. ASRE was 37.8 mg/L for BOD prediction and 79.6 mg/L for COD prediction in a multivariate linear regression model.

KEYWORDS

Biological oxygen demand, Dissolved oxygen, Chemical oxygen demand, pH, Total dissolved solids, Temperature, Linear regression, Multivariate linear regression model

1. INTRODUCTION

Water is a decisive resource in the life of human beings. Water is a chemical substance that is vital for every living organism to survive on this planet. When water is infected by unexpected substances, it is considered harmful for human and aquatic lives. Heavy metals surroundings as sediments are considering as industrial effluents and these effluents affect the BOD, COD and DO of the water. BOD and COD directly or indirectly get affected by the occurrence of toxic heavy metal impurities in water. India is a developing nation that moves towards the vision of 2022. Unfortunately, the development that had been carried all over the country gives a bad impact on the environment, particularly about water quality [1]. Water quality prediction enables an executive to choose a selection that satisfies a large number of recognized conditions. Mathematical modelling has become progressively more popular in the latest years. This research endeavours to find out the levels of water quality indicators and to study the statistical relationships between them. Regression equations were also established in a view to providing an idea on the levels of the parameters investigated and possibly offering a preventive measure in advance.

2. MATERIAL AND METHOD

2.1 Data selection

Water samples from 20 selected stations of the Godwar region were periodically collected as per the standard procedure. Random sampling was done at each station and the samples were then compounded to get a composite sample. Physical and chemical analysis of the samples has been done as per standard practice prescribed by Indian standards (Table 1) [2].

2.2 Regression model

2.2.1 Linear regression model: Polynomial regression attempts to model the relationship between two variables by fitting a linear equation to experimental data.

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REVIEW ARTICLE OPEN ACCESS

Ground Water Quality Assessment & its Feasibility for Drinking Purpose: A Review

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ABSTRACT

Surface water is less valuable than ground water. Ground water is contaminated as a result of fast population increase, industrialization, and urbanization. Because drinking tainted ground water causes the majority of human ailments, physico-chemical analysis of ground water samples was required to assess the quality of ground water. The current study focuses on a review of several research publications connected to physico-chemical analysis of ground water utilized for drinking purposes

Key Words: Ground water, Water Quality Index, Physico chemical parameter, Pollution, drinking water.

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INTRODUCTION

Water is required for all forms of life to live. Water accounts for more than 70% of a human body's bulk. The quality of the surrounding water influences the utilization of ground water for human consumption. Despite the fact that water covers 80 percent of the earth's surface, 97 percent of the water on the globe is unfit for human consumption. The massive glaciers and polar ice caps hold 2.14 percent of the world's water. As a result, just 1% of the available water for drinking, agriculture, residential, and industrial usage is available. According to a WHO study, water causes more than 80% of all illnesses in humans [1,2]. In both urban and rural India, groundwater is the most frequent source of household water. Once contaminated, it is impossible to restore its quality by preventing contamination at the source. As a result, it is necessary to regularly assess groundwater quality and establish strategies and ways to safeguard . The untreated use of waste water for agricultural purposes has reduced soil fertility and contaminated groundwater. As a result, ground water research for drinking and irrigation reasons is vital. The purpose of this review study is to explain the quality of groundwater used for drinking from various research regions [4, 5]. The purpose of this study work is to investigate the physicochemical parameters of ground water quality suitable for domestic use. K. Yogendra provided an experimental study on the WQI Rationality of an Urban Water Body in 2008. In this work, they computed the WQI of an urban water body based on the presence of specified physicochemical factors. According to the examination, the existing water bodies have a low amount of DO (Dissolved Oxygen) and a high level of chemical oxygen demand (COD) and nitrate content. and it turned out that the water was unfit for human consumption [6].
An intensive effort was made by the authors to collect, assess and compile the available data about the review of present study. A review on previous work and research has been carried out on the physic-chemical parameter analysis of ground water quality It is, therefore, much more important to consider the driving factors of the quality of groundwater in a systematic way. Various reports and research papers have been published in the light of improvement of ground water quality. Water quality index is one of the most effective tools to communicate information on the quality of water to the concerned citizens and policy makers. It thus becomes an important parameter for the assessment and management of groundwater

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S.No	Faculty Name	Department	Paper Title	Date of Publication	Conference Proceeding Name	Type International /National	Type Indexed/ Non Indexed	ISSN/ ISBN	Open Access (Y/N)	Peer Reviewed (Y/N)
1	Dr M P Singh	ME	Enchancing the Performance of a burner by Changing Design :A Review	16-Apr-22	Recent Innovations in Mechanical Engineering (Select Proceedings of ICRITDME 2020)	International	Scopus Indexed	ISBN: 978-981-16-9236-9	N	Y
2	Dr M P Singh	ME	Development of Improving Model for the surface finish of Ball Bearing (Deep Groove) by Optimizing Cutting Parameter	16-Apr-22	Recent Innovations in Mechanical Engineering (Select Proceedings of ICRITDME 2020)	International	Scopus Indexed	ISBN: 978-981-16-9236-9	N	Y
3	Dr Fauzia Siddiqui	ME	Recent Applications ,Developments and Challenges in Waterjet Technology	16-Apr-22	Recent Innovations in Mechanical Engineering (Select Proceedings of ICRITDME 2020)	International	Scopus Indexed	ISBN: 978-981-16-9236-9	N	Y
4	Dr Fauzia Siddiqui	ME	Modelling and Simulation in Waterjet Technology	16-Apr-22	Recent Innovations in Mechanical Engineering (Select Proceedings of ICRITDME 2020)	International	Scopus Indexed	ISBN: 978-981-16-9236-9	N	Y
5	Dr. Bhuvenesh Bhardwaj	ME	Friction Welding Process of AA7075 Aluminium Alloy to Mild Steel	16-Apr-22	Recent Innovations in Mechanical Engineering (Select Proceedings of ICRITDME 2020)	International	Scopus Indexed	ISBN: 978-981-16-9236-9	N	Y
6	Lalit Kumar Sharma	ME	Analyzing the effects of Industrial Protective Glove's Material on Hand Grip Strength	16-Apr-22	Recent Innovations in Mechanical Engineering (Select Proceedings of ICRITDME 2020)	International	Scopus Indexed	ISBN: 978-981-16-9236-9	N	Y
7	Lalit Kumar Sharma	ME	Analyzing the Hand Grip Strength of Carpenters	7-Jun-22	Ergonomics for Design and Innovation (Humanizing Work and Work Environment : Proceedings of HWWE 2021)	International	Scopus Indexed	ISBN: 978-3-030-94277-9	N	Y
8	Dr Rishi Pareek	ME	Correlation of Acoustic Emission Parameters with surface Roughness in End Milling of AISI 4140 Steel	16-Apr-22	Recent Innovations in Mechanical Engineering (Select Proceedings of ICRITDME 2020)	International	Scopus Indexed	ISBN: 978-981-16-9236-9	N	Y
9	Jitendra Gupta	ME	Friction Welding Process of AA7075 Aluminium Alloy to Mild Steel	16-Apr-22	Recent Innovations in Mechanical Engineering (Select Proceedings of ICRITDME 2020)	International	Scopus Indexed	ISBN: 978-981-16-9236-9	N	Y
10	Dr. Sandeep Vyas, Mr. Ashish Sharma	ECE	A Hybrid Filter/Wrapper Machine Learning Model for Classification Cancer Dataset	25 June 2022	International Conference on Advanced Informatics for Computing Research	International	Scopus Indexed	Online ISBN: 978-3-031-09469-9	N	Y
11	Dr. Sandeep Vyas, Dr. Jaiverdahan	ECE	Dispersion Engineered AsSe2 Based Chalcogenide Photonic Crystal Fiber for MIR Region Supercontinuum Generation	2-Sep-21	International Conference on Optical and Wireless Technologies	International	Scopus Indexed	Online ISBN: 978-981-16-2818-4	N	Y
12	Dr. Krishan Kumar Saini	CE	Dispersion Engineered Asse2 Based Chalcogenide Photonic Crystal Fiber For Mir Region Supercontinuum Generation	Oct.9-10, 2021	First International Conference on Green Economy for Sustainable Growth in Commerse, Science, Technology Engineering&Management (ICGCSTEM-Online)	International	-----	----		

Enhancing the Performance of a Burner by Changing Design: A Review

Lakshy Zaveri and M. P. Singh

Abstract The most important issue in the present scenario of the world is the availability and use of energy. In developing countries, the energy used for cooking is a major proportion of the total energy consumption. India with a consumption of 22.5 million tons is the world's second-largest consumer of LPG. About 89.9% households in India uses LPG that is 25.95 crore registered customers out of which 25.68 crore are domestic customers. A total of 21.86 crore customers are active domestic customers as on January 2018. The Ministry of Petroleum and Natural Gas reported that a growth of 34% is expected in the LPG consumption, leading to 30.3 million tons by 2025. In the present work, various works dealt with research in increasing thermal and conversional efficiency of stoves using different material burners of different shapes and different burner heads are studied. Various parameters affecting thermal and conversional efficiency of a burner are determined.

Keywords Conversional efficiency · Thermal efficiency · Covering · Sealed burners · Swirling effect · Premixed air burners

1 Introduction

In the time when globalization is on its peak and industries and growing day by day, there is very high demand of energy. The most important issue in the present scenario of the world is the availability and use of energy. The fast consumption of fossil fuels causes pollution at high rate and increases the chances of unavailability of fuel in near future. There is a very high demand of fossil fuels, and at the same time, the fuels are depleting at a rapid rate. There must be some steps taken toward the conservation of the fuels. In order to meet the increasing energy demand, the use of the sources must be optimized. We are at the verge of extinction of non-renewable sources and still exploiting them at a very high rate. The loss of energy due to inefficient methods is

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Development of Improving Model for the Surface Finish of Ball Bearing (Deep Groove) by Optimizing Cutting Parameter

Shraddha Arya, Manish Bhargava, and M. P. Singh

Abstract Deep groove ball bearing is extensively used to support rotational shafts in engines, in order to improve the surface finish, use of design of experiment (DOE) to investigate the most significant responsive factor, which is contributing in improving surface finish. Based on the results, design of experiment is conducted and tries to optimize the most significant responsive factor. For performing design of experiment, first selecting six variable factors in grinding and four variable factors in honing process were obtained through brainstorming. To improve surface finish of inner and outer track of deep groove ball bearing, hereby, the various experiments were to be conducted independently to know the effect of various process parameters on surface finish of deep groove ball bearing.

Keywords Deep groove ball bearing · Design of experiments (DOE) · Grinding · Honing

1 Introduction

The main persistence of this study is to describe the model preparation for the improvement of the surface finish of deep groove ball bearing by using the methodology of design of experiment, ANOVA (tool), and MINITAB (software). Ball bearings are used as multifaceted part, self-retaining bearing with solid outer rings, inner rings, balls, and cage assemblies.

They are of a simple design, robust in nature, easy to maintain. Due to raceway geometry and the use of balls, deep groove ball bearing can support the axial forces in both direction and radial force. Use of design of experiment (DOE) is to investigate

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Recent Applications, Developments and Challenges in Waterjet Technology

Paramjit Thakur, D. N. Raut, and Fauzia Siddiqui

Abstract Waterjet technology can cut soft, brittle, fibrous and difficult to cut materials without producing any heat-affected zone. This paper presents a vast review on recent applications, developments and challenges in waterjet technology. The new applications of waterjet technology, namely 3D machining, tool making, hydroentangling, comminution, etc., are elaborated in this paper. In order to increase the performance characteristics and for new application areas, many developments and modifications in AWJ machining process has taken place. And, some of the recent developments are ice waterjet machining, assisted processes, micro machining and submerged waterjet machining. Finally, the review is completed by discussing the challenges in existing waterjet technology for further improvement of the process. The problems like grit embedment, backflow of AWJ, etc., are very well elaborated in this work.

Keywords Waterjet · Developments · Grit embedment · Challenges

1 Introduction

The waterjet machining process was firstly commercialized in early 1980s in automotive and aerospace industries. Further, the contribution of researchers led the application of WJ in other areas too. The application of WJ machining in various areas is explained in section. The waterjet technology is used to machine variety of materials including difficult to cut materials, glass, ceramics and composites [1]. This process leads no heat affected zone as the heat developed during the cutting process is carried away by the water. Hence, the temperature-sensitive materials like shape memory alloys can be easily cut by WJ. Also, this process leads very less stress concentration on the cut surface which makes this process unique [2]. The small increase in temperature in the cutting process and the production of little flying dust

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Modeling and Simulation in Waterjet Technology

Paramjit Thakur, D. N. Raut, and Fauzia Siddiqui

Abstract Waterjet technology can cut soft, brittle, fibrous and difficult to cut materials without producing any heat-affected zone. This paper presents a vast review on modeling and simulation in pure and abrasive waterjet machining. The modeling in WJ can be divided in volume displacement models, energy conservation models, models developed on the basis of regression and dimensional analysis and fracture mechanics-based models. In simulation of abrasive waterjet machining, water is considered as a medium to accelerate the abrasive particles. The simulation in this area is generally divided into erosion by single particle impact and multi-particle impacts. Finally, the review is completed by discussing the challenges in modeling and simulation.

Keywords Modeling · Simulation · Abrasive waterjet · Volume displacement model

1 Introduction

The waterjet machining process was firstly commercialized in early 1980s in automotive and aerospace industries. Further, the contribution of researchers led the application of WJ in other areas too. The application of WJ machining in various areas is explained in section. The waterjet technology is used to machine variety of materials including difficult to cut materials, glass, ceramics and composites [1]. This process leads no heat-affected zone as the heat developed during the cutting process is carried away by the water. Hence, the temperature-sensitive materials like shape memory alloys can be easily cut by WJ. Also, and this process leads very less stress concentration on the cut surface which makes this process unique [2]. The small

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Friction Welding Process of AA7075 Aluminium Alloy to Mild Steel

Jitendra Gupta, Bhuvnesh Bhardwaj, and Varun Sharma

Abstract The objective of present research is to examine the effect of friction welding parameters on the impact energy of fabricated weldments during the welding of mild steel with aluminium alloy AA7075. An attempt has also been made to formulate the mathematical relationship between the welding conditions and impact strength. The rotational speed, welding time and workpiece diameter have been considered as welding conditions. The workpiece diameter has been found most significant welding parameter that affects the impact strength of weldments followed by rotational speed and welding time. The R^2 and adjusted R^2 values for the impact strength prediction model have been found as 0.991 and 0.980, respectively, which are very close to each other.

Keywords Friction welding · Impact energy · AA7075 · Mild steel

1 Introduction

Welding of aluminium alloy using fusion welding is very difficult due to high thermal conductivity, thermal expansion, solidification shrinkage and high solubility of gases in molten aluminium. This leads to formation of oxide layers, cracks, hot tears, discontinuities, porosity in aluminium weldments, formation of brittle inter dendritic structure etc. The formation of brittle weldments decreases the mechanical properties of the weldments [1]. In addition to this, increase in grain growth in base alloy takes place due to high heat generation during the fusion welding. Further, this reduces strength and hardness of weldments. In order to overcome these difficulties, many researches have been carried out in the past. The researchers developed new welding technique called friction welding. Friction welding is a solid state, environmental friendly welding process. It is also called green energy welding. Friction welding

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Analyzing the Effects of Industrial Protective Glove's Material on Hand Grip Strength

Lalit Kumar Sharma, Manoj Kumar Sain, and M. L. Meena

Abstract Hand and forearm muscles contribute significantly in grip force execution during routine and industrial activities. Industrial gloves are used in various small-scale industries for safety purpose. However, the use of hand gloves may lead to the change in grip strength. The present study has been designed to investigate the effect of hand glove's material on hand grip strength of workers employed in various Small and Medium Enterprises (SMEs). During this study, to record the strength of workers' hand grip while performing work using different gloves, a digital hand grip dynamometer was used. Statistical test one-way ANOVA was applied to analyze the collected data. From the analysis of data, it can be concluded that there are significant differences among the grip strength means with various glove's material at the 0.05 level of significance. It is also observed that fabric gloves give best grip strength; however, there are limitations in its use.

Keywords ANOVA · Gloves · Hand grip strength · Muscles

1 Introduction

India has many small and medium enterprises (SMEs) where the labor do hand work. The labor associated with such enterprise is victim of various musculoskeletal disorders. Researchers identified that ergonomics intervention are not applied widely in SMEs and suggested that with appropriate anthropometric data, designers can design proper equipment and tools for the workers. With the improvements in currently adopted procedures, the quality of manual operations can be improved [1–3]. Grip strength is a major attribute of various operational activities in everyday working

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Analyzing the Hand Grip Strength of Carpenters

Lalit Kumar Sharma, Manoj Kumar Sain, and M. L. Meena

Abstract The hand grip strength is an important performing characteristic that can increase the efficiency of workers. The hand tools should be designed in such a manner that the workers can easily perform operations with sufficient grip on it. This study was conducted to measure and compare the grip strength of the carpenters of age between 19 and 60 years. The hand grip strength of 112 carpenters was determined in different postures. The carpenters were selected from the population of Jaipur district of Rajasthan (India) and all were male and native of Rajasthan. Grip strength of dominant hand of each participant was recorded with digital dynamometer. An indirect moderate correlation was observed between age and grip strength. The hand grip strength of first group (19–32 years) was observed more compared to the other two groups (33–46 and 47–60 years). The findings of such research studies may be useful for product designers while designing products targeting a particular age group.

Keywords Carpenter · Correlation · Grip strength · Hand tools

1 Introduction

The hand is regularly used in various daily operational and industrial activities. Many musculoskeletal disorders (MSDs) are caused because of this. Since grip strength is widely used for processing operations, it is essential to evaluate the grip strength to provide work capacity related information [1]. The carpenters usually manufacture, repair and install the wooden furniture, structures and fixtures. They perform various manual operations like planning, chiselling, cutting etc. using different carpentry tools like planes, chisels, saws etc. These activities are repetitive in nature and normally performed in awkward postures. Some frequently used carpentry hand

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D. Chakrabarti et al. (eds.), *Ergonomics for Design and Innovation*, Lecture Notes in Networks and Systems 391, https://doi.org/10.1007/978-3-030-94277-9_75

Correlation of Acoustic Emission Parameters with Surface Roughness in End Milling of AISI 4140 Steel

Nikhil V. Khatekar, Raju S. Pawade, Rishi Pareek, and Shivkumar R. Gaikwad

Abstract This paper reports correlation of response variables and their effects on machining parameters in end milling of AISI 4140 Steel. In any recent development of precision machining, controlling and monitoring of metal cutting processes is an essential requirement. The recent advancement in intelligent machining industries deals with the effective utilization of cutting tools and different strategies employed to monitor tool condition. During machining, condition monitoring of tool plays an important role to achieve high degree of surface finish. This improves product quality and also helps to minimize machining costs. In this paper, an experimental study is exhibited to examine methodically the acoustic emission (AE) signals for observing and determining the behavior of end milling operation. The logical and scientific results of AE parameters are compared with the roughness parameter R_a. A surface roughness R_a value of 0.517 μm is obtained using PVD coated TiAlN carbide insert by end milling of AISI 4140 steel.

Keywords AE signals · AISI 4140 steel · PVD · Taguchi orthogonal array · R_a

1 Introduction

Machining comprise is a major part of manufacturing sector. During machining, unwanted material is removed from the workpiece in the form of chips. This utilizes a cutting tool which penetrates into the workpiece imparting good dimensional accuracy and surface finish. A high-speed machine generally serves this purpose [1]. But the tool is subjected to gradual wear and needs to be replaced frequently. This

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M. Vashista et al. (eds.), *Recent Innovations in Mechanical Engineering*,
Lecture Notes in Mechanical Engineering, https://doi.org/10.1007/978-981-16-9236-9_2

International Conference on Advanced Informatics for Computing Research

↳ ICAICR 2021: **Advanced Informatics for Computing Research** pp 15–29 | Cite as

A Hybrid Filter/Wrapper Machine Learning Model for Classification Cancer Dataset

Ashish Sharma, Sandeep Vyas & Anand Nayyar ✉

Conference paper | First Online: 25 June 2022

Part of the Communications in Computer and Information Science book series (CCIS,volume 1575)

Abstract

Optical and Wireless Technologies pp 311–319 | Cite as

Dispersion Engineered $AsSe_2$ Based Chalcogenide Photonic Crystal Fiber for MIR Region Supercontinuum Generation

Vaibhav Gupta, Jaiverdahan, Vinay Kanungo, Rukhsar Zafar, Sandeep Vyas, Anand Nayyar & Ghanshyam Singh

Conference paper | First Online: 22 September 2021

Part of the Lecture Notes in Electrical Engineering book series (LNEE,volume 771)

Abstract

A highly nonlinear chalcogenide glasses have been studied in this paper for a broadening supercontinuum generation. This research demonstrates the generation of supercontinuum expanding from 1000 nm to over 15,000 nm through pumping pulse of peak power 5 kW in an extremely nonlinear $AsSe_2$ based chalcogenide microfiber. The conventional ring-shaped air

CERTIFICATE

OF APPRECIATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

KRISHAN KUMAR SAINI

for attending & giving an Oral Presentation for the paper entitled

DEPARTMENT OF STRUCTURAL ENGINEERING, MBM ENGINEERING COLLEGE JODHPUR

GROUNDWATER QUALITY ANALYSIS IN PIPAR CITY, RAJASTHAN FOR IRRIGATION PURPOSES.

in First International Conference on Green Economy for sustainable growth in Commerce, Science, Technology, Engineering & Management (ICGCSTEM-Online) organized by NSM Degree College, Vile - Parle, Mumbai, India in collaboration with RSP Conference Hub, Coimbatore, India on 09th and 10th October 2021.

Editor in Chief
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(RSP Conference Hub)
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Jaipur Engineering College and Research Centre

Shri Ram Ki Nangal, Via Sitapura RIICO, Opp. EPIP Gate,
Tonk Road, Jaipur-302 022
Ph. No.0141-2770232, 2770120
Fax No.0141-2770803

Consultancies

No. of Consultancies	:	08
Total Amount	:	16,55,000/-
Total Points	:	49.65

Points 50

QIV

Session 2022-23 (RTU)

To Whomsoever It may Concern

Please find total consultancy at Jaipur Engineering College and Research Centre, Jaipur during the period from 01/07/20 to 30/06/2022

S. No	Name of the Company provided to Consultancy	Dept.	Name of the Faculty	Date of Award	Amount of Consulatancy (Rs.)
1	Arogya diagnostic Centre, Shanti Path, Raja Park, Jaipur	ECE	Dr. Parul Tyagi	1/8/2020	20000/-
2	Baba Automobile Pvt. Ltd. Pratap Nagar, Jaipur	ME	Dr. M.P. Singh	1/9/2020	65000/-
3	Arogya diagnostic Centre, Shanti Path, Raja Park, Jaipur	ECE	Sh. Babu Lal Sharma	14/12/2020	20000/-
4	Comkynet technologies Privited Limited, Tonk Road, Jaipur	IT	Sh. Naveen Kedia Sh. Piyush Gautam	27/02/2021	250000/-
5	R Tekhno Solution (P) Ltd., Phoolia Gate Road, Shahpura	ME	Dr. Bhuvnesh Bhardwaj	28/02/2021	50000/-
6	Balaji Stonex Agarwal Farm, Mansarovar, Jaipur	ME	Dr. M.P. Singh	1/4/2021	450000/-
7	Elixation Informatique Pvt. Ltd. Anand Plaza, Udaipur	CSE	Dr. Sanjay Gaur	12/4/2021	300000/-
8	Malhotra & Associates, JLN Marg Bapur Nagar, Jaipur	ME & CE	Dr. Bhuvnesh Bhardwaj, ME Dr. Manoj Gupta, ME Sh. K. K. Saini, CE Sh. Hetram Sharma, CE	14/04/2021	500000/-
				Total Rs.	16,55,000/-

AROGYA DIAGNOSTIC CENTRE

50, Shanti Path, LIC Office Basement, Ram Gali No. 8 Corner, Raja Park, Jaipur
Mobile: 9351592822, 9828278921 Email : arogyajaipur@yahoo.in

To Whomsoever It May Concern

Dr. Parul Tyagi, (Associate Professor) in the Department of Electronics & Communication Engineering, JECRC, Jaipur is hereby appointed to work as consultant in our organization on the following terms and conditions.

1. The consultancy period shall be for a period of (10 days), beginning from (19th August 2020), which can be extended further or terminated earlier with (2 days) notice on either side, without assigning any reason.

2. You will be paid a consolidated amount of Rs. 20,000 per annum.

3. Any of our technical or other important information which might come into your possession during the continuance of your assignment with us shall not be disclosed, divulged or made public by you even thereafter.

If you accept the terms and conditions above mentioned, please sign the declaration in the duplicate and return to us. The original shall be retained by you.

We welcome you to (Jaipur Engineering College and Research Center, Jaipur) family and look forward to a fruitful collaboration.

With best wishes,

For Arogya Diagnostic Centre

Date: 01/08/2020

AROGYA DIAGNOSTIC CENTRE

50, Shanti Path, LIC Office Basement, Ram Gali No. 8 Corner, Raja Park, Jaipur
Mobile: 9351592822, 9828278921 Email : arogyajaipur@yahoo.in

I agree to accept consultancy on the terms and conditions above mentioned. The original of this letter is in my possession.

Name with Signature: PAYAL TYAGI

Place: Jaipur

Date: 10th Aug 2020

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HRINTR2021EXP0701

TO WHOMSOEVER IT MAY CONCERN

Dr. M. P. Singh of Jaipur Engineering College and Research Centre, Shri Ram Ki Nangal, Via Sitapura, RIICO, Tonk Road, Jaipur are hereby appointed as consultants for two years with effect from 1st September 2020.

Under the expansion of our project work, there is need of advanced technology training and advanced equipment's . The aforementioned experts will assist the completion of the project, starting from procurement of the machinery and equipment, their installation for satisfactory working and maintenance for two years.

As per the terms agreed upon, a sum of Sixty Five Thousands (Rs.65,000 /-) will be paid to the consultants on successful completion of the project in the assigned tenure of two years. It has been well informed to and agreed by the consultants that their services will be reviewed every six months by our board members and their performance index will decide their association further with us.

Hoping for a long and wonderful association with you all

Thanking you

Yours Truly
Nimesh Baba
Director
Baba Automobiles
Email: babaautomobilejaipur@gmail.com
Phone: +91-8769405920

JAIPUR

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Mobile: 9351592822, 9828278921 Email : arogyajaipur@yahoo.in

To Whomsoever It May Concern

Mr. Babulal Sharma in the Department of Electronics & Communication Engineering, JECRC, Jaipur is hereby appointed to work as consultant in our organization on the following terms and conditions.

1. The consultancy period shall be for a period of (10 days), beginning from (24th Dec. 2020), which can be extended further or terminated earlier with (2 days) notice on either side, without assigning any reason.

2. You will be paid a consolidated amount of Rs. 20,000 per annum.

3. Any of our technical or other important information which might come into your possession during the continuance of your assignment with us shall not be disclosed, divulged or made public by you even thereafter.

If you accept the terms and conditions above mentioned, please sign the declaration in the duplicate and return to us. The original shall be retained by you.

We welcome you to (Jaipur Engineering College and Research Center, Jaipur) family and look forward to a fruitful collaboration.

With best wishes,

Date: 14/12/2020

AROGYA DIAGNOSTIC CENTRE

50, Shanti Path, LIC Office Basement, Ram Gali No. 8 Corner, Raja Park, Jaipur
Mobile: 9351592822, 9828278921 Email : arogyajaipur@yahoo.in

I agree to accept consultancy on the terms and conditions above mentioned. The original of this letter is in my possession.

Name with Signature: Mr. Babulal Sharma

Babulal

Place: Jaipur

Date: 18/12/202.

Comskynet
technologies private limited

Dated: 27 Feb 2021

Ref: HR/2021/00967

TO WHOM IT MAY CONCERN

This is to certify that Mr. Naveen Kumar Kedia and Mr. Piyush Gautam, Assistant Professor, in the Department of Information Technology, JECRC, Jaipur is hereby appointed to work as consultant in our organization on the following terms and conditions.

1. The consultancy period shall be for a period of Twelve months, beginning from 1st March 2021, which can be extended further or terminated earlier with Two Month notice on either side, without assigning any reason.
2. You will be paid a consolidated amount of Rs 2,50,000 /- per annum.
3. Any of our technical or other important information which might come into your possession during the continuance of your assignment with us shall not be disclosed, divulged or made public by you even thereafter.
4. A Review Meeting of consultancy will be scheduled in October 2021.

Congratulations and welcome to Comskyent.

Regards,

(Authorized signatory)

10, Vikas Marg Manasinghpura, Tonk Road, Jaipur (Raj) 302018
info@comskynet.com | 9785016789

RTEKI SOLI

Dated: 28.02.2021

TO WHOMSOEVER IT MAY CONCERN

This is stated that **Dr. Bhuvnesh Bhardwaj** of Jaipur Engineering College and Research Centre, Shri Ram Ki Nangal, Via Sitapura, RIICO, Tonk Road, Jaipur are hereby appointed as consultants for two years with effect from 1st March 2021.

Under the expansion of our product portfolio, there is need of advanced technology training and advanced equipment. The aforementioned experts will assist the completion of the product development, starting from concept validation to procurement of the machinery and equipment and prototype testing for two years.

As per the terms agreed upon, a sum of rupees fifty thousand (Rs. 50000/-) will be paid to the consultants on successful completion of the project in the assigned tenure of two years.

It has been well informed to and agreed by the consultants that their services will be reviewed every six months by our board members and their performance index will decide their association further with us.

Hoping for a long and wonderful association with you.

For R Tekhno Solution (P) Ltd

Sandeep Chandalia

Director

BALAJI STONEX

Balaji Stonex
(+91) 9950846989
P No. 106/19, Sector 10, Block 106
Agarwal Farm , Mansarowar
Jaipur, Rajasthan

TO WHOMSOEVER IT MAY CONCERN

Dr. M. P. Singh, Shri Manish Jain and Shri Kuldeep Sharma of Jaipur Engineering College and Research Centre, Shri Ram Ki Nangal, Via Sitapura, RIICO, Tonk Road, Jaipur are hereby appointed as consultants for two years with effect from 1st April 2021.

Under the expansion of our project work, there is need of procurement of few mining and other material handling equipment. The aforementioned experts will assist the completion of the project, starting from procurement of the machinery and equipment, their installation for satisfactory working and maintenance for two years.

As per the terms agreed upon, a sum of rupees Four Lakhs fifty thousand (Rs. 4,50,000/-) will be paid to the consultants on successful completion of the project in the assigned tenure of two years.

It has been well informed to and agreed by the consultants that their services will be reviewed every six months by our board members and their performance index will decide their association further with us.

Hoping for a long and wonderful association with you all.

Chandra Prakash Ji
01/04/2021

For BALAJI STONEX

MANAGER

ELIXATION
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Informatique
Pvt. Ltd

Date .....

Ref. No.EL2021/00412

12/04/2021

TO WHOM IT MAY CONCERN

This is to certify that Dr. Sanjay Gour, Professor and Head, Computer Science & Engineering of Jaipur Engineering College & Research Centre, Jaipur is hereby appointed to work as consultant in our organization.

Followings are the terms and conditions which are applicable till further review.

The consultancy period shall be of twelve month, beginning from 1st May 2021.

The consultancy services can be extended or terminated with Two month notice without assigning any reason.

Project, technical or any personnel information related to company shall not made public by you.

You will be paid a consolidate amount of Rs. 3,00,000/- per annum.

A review meeting of consultancy will be scheduled in December 2021.

Regards,

ELIXATION INFORMATIQUE PVT. LTD. UDAIPUR

(Authorised Signature)

234, B –Block Anand Plaza University Road, Udaipur (Raj) Ph.- 0294-6500005, 8233750005, mail- elixationinformatique@gmail.com

Malhotra & Associates

Architects – Engineers – Interior Designers

To,

Dated: 14.04.2021

Prof. Dr Vinay Kumar Chandna,

Principal JECRC, Tonk Road.

Sub: Consultancy for HVAC and Civil Technical support by faculty members of Mechanical and Civil Engineering Department for Rs. 5,00,000/- (Rupees Five Lakh Rupees only/-)

Dear Sir,

This is to inform you that we are a renowned architecture firm and take care of Multi Crore Worth of projects in and around Rajasthan and for this purpose experts are needed for HVAC and civil work support. In view of the same, our technical and design team visited Civil Engineering department and Mechanical Engineering department of your college in the month of January 2021 to find out various possibilities of support from the experts of your institute from the two departments and met head of departments also.

Further, after thorough discussion and deliberations with the technical team at JECRC we have found out that following experts are found suitable to provide technical consultancy are:

1. Dr. bhubnesh Bharadwaj, Mechanical
2. Dr. Manoj Gupta, Mechanical
3. Sh. K. K. Saini , Civil
4. Sh. Hetram Sharma, Civil

Further, the nature of work is also discussed with the experts and on mutual consent and as per the company policy Rs. 5,00,000/- (Rupees Five Lakh only) is sanction for the work and will be paid in four installments to JECRC.

I request you to spare these faculty members as per your convenience for the work assigned.

I hope to have better and healthy relations with JECRC in near future.

Regards

Ashok malhotra

For Malhotra & Associates

IInd Floor, C-86-B, Nand Kishor Pareek Marg, JLN Marg, Bapu Nagar JAIPUR
Ph # 91-141-2700661, 2706431 • E-mail : ashokarmalhotra@gmail.com, ma@ma-arch.co