

DEPARTMENT OF MECHANICAL ENGINEERING



GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR

Accredited with NAAC Grade: A++

(A Central University established by the Central Universities Act 2009 No. 25 of 2009)





PROF. ALOK KUMAR
CHAKRAWAL
Hon'ble VICE CHANCELLOR
GURU GHASIDAS
VISHWAVIDYALAYA

Messages from the HVC and Registrar

Guru Ghasidas Vishwavidyalaya is a Central University of Chhattisgarh which bears the principal charge of providing joboriented education, taking care of the educational aspirations, propagation of quality education, and enlightenment of the people of local society and remote areas. We shall comprehensively make efforts to grow this University, named after the great saint Baba Guru Ghasidas, like a banyan tree of higher learning at national and international level. As we navigate the exciting path ahead, the Mechanical Engineering department is poised to introduce cutting-edge programs, collaborative research endeavours, and industry partnerships that will position our graduates at the forefront of technological advancements.

It is with great pleasure and pride that I extend my warmest greetings to the distinguished faculty, bright students, and esteemed stakeholders of the Department of Mechanical Engineering. This department is not just a hub of learning; it is a dynamic centre of innovation, excellence, and forward-thinking. In the rapidly evolving landscape of technology, the Department of Mechanical Engineering stands as a beacon of academic prowess, contributing significantly to the intellectual capital of our university. I am honoured to share a few words about the future aspects of our beloved department. The vision for the future encompasses a commitment to pushing the boundaries of knowledge, fostering a culture of research and development, and preparing our students to be leaders in the ever-changing field of Mechanical engineering.



PROF. A.S. RANADIVE
REGISTRAR (Acting)
GURU GHASIDAS
VISHWAVIDYALAYA



PROF. SHARAD CHANDRA
SRIVASTAVA
DEAN SCHOOL OF STUDIES OF
ENGINEERING & TECHNOLOGY
GURU GHASIDAS
VISHWAVIDYALAYA

Messages from the DEAN and HOD

The B.Tech students from the School of Studies of Engineering and Technology at Guru Ghasidas Vishwavidyalaya (GGV), Bilaspur, are prepared to make their mark in the professional world. With rigorous academic training, many of GGV's bright students grow into thoughtful technologists, driven by their passion for the practical applications of technology. They are eager to exceed expectations and tackle challenges beyond the norm. I am proud to introduce this dynamic group from our Mechanical Engineering department, who are poised to reach new heights. The ME department is committed to the holistic development of its students, ensuring they excel in any task with utmost enthusiasm and dedication.

I urge all stakeholders, both current and prospective, to take pride in being part of a department that excels in the present and is committed to shaping the future. The path ahead is promising, and together, we will continue to raise the standards of excellence in education, research, and innovation.

I wish the Department of Mechanical Engineering continued success and growth. May our combined efforts ensure the department remains a global leader in developing the next generation of tech innovators.



PROF. S.P. ANBUUDAYASANKAR
HEAD, DEPARTMENT OF
MECHANICAL ENGINEERING
GURU GHASIDAS
VISHWAVIDYALAYA 3





Vision

To be a leading technological institute than imparts transformative education to create globally competent technologists, entrepreneurs, researchers and leaders for a sustainable society.

Mission

1 To create an ambience of teaching-learning through transformative education for future leaders with professional skills, ethics, and conduct.

- 2 To identify and develop sustainable research solution for the local and global needs.
- 3 To build a bridge between the academia, industry and society to promote entrepreneurial spirit and skills.







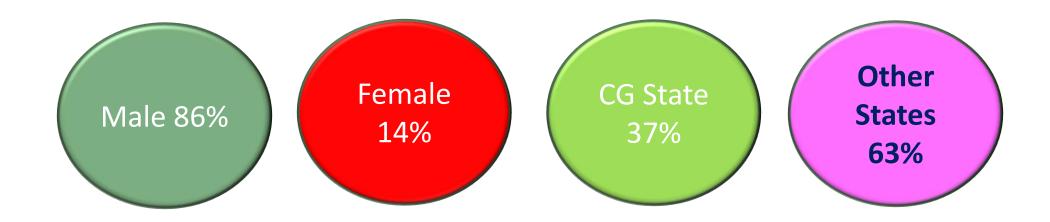
Academic year	Programme	Intake
2006	B.Tech. (Mechanical Engineering)	75
2014	M.Tech. (Machine Design)	23
2014	Ph.D	As per norms





Student Enrollment Academic Year (2023-24)





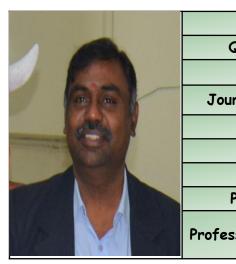
Student Faculty ratio (SFR): 19.42



Faculty Profile Professors

2 P, 2 AsP, 10 AP





Name	Dr. T V Arjunan
Qualification:	Ph.D
Experience	26 years
Journal Publications	90
Patent	06
H index:	32
I10 index	52
Ph.D. Guided	14
Professional Membership	SAE, ISTE, SESI, IIIE

	Name	Dr. S.P. Anbuudayasankar
	Qualification:	Ph.D
	Experience	25
	Journal Publications	114
	H index:	18
	I10 index	30
All Comments	Ph.D. Guided	04
	Professional Membership	ISTE, IIIE

Associate Professors



	Name	Dr. Pankaj Kumar Gupta
П	Qualification:	Ph.D
П	Experience	21
П	Journal Publications	30
П	Patent	05
П	H index:	09
U	I10 index	09
	Ph.D. Guided	02
	Professional Membership	ASME, IEI
_	Weight of the	

	Name	Dr. T G loganathan
	Qualification:	Ph.D and PDF (UK)
	Experience	24
(Simon	Journal Publications	37
	Patent	05
	H index:	05
	I10 index	03
	Ph.D. Guided	01
	Professional	ISTE, Composites
<u> </u>	Membership	(UK), SFA. 7



Assistant Professors





Name	Dr. Jasinta Poonam Ekka
Qualification	Ph.D
Experience	17
Journal Publications	14
H index:	06
I10 index	06



-	Name	Mr. Prashant Kumar Jangde
۲	Qualification	M. Tech, Ph.D (On-going)
1	Experience	13
	Journal Publications	07
	Patent	01
	H index:	02
	I10 index	01



	Name	Mrs. Shweta Singh
	Qualification	M.E, Ph.D (On-going)
	Experience	13
	Journal Publications	05
	Patent	01
1	H index:	03

1

Name	Dr. Anoop Kumar Sahu
Qualification	Ph.D and PDF (SA)
Experience	7
Journal Publications	74
Patent	03
H index:	23
I10 index	40



	Name	Mr. Manish Bhaskar
	Qualification	M.Tech, Ph.D (On- going)
	Experience	11
100	Journal Publications	03
	Patent	03



Name	Mr. Biplab Das
Qualification	M.Tech (Ph.D)
Experience	04
Journal Publications	16
Patent	01
H index	04
I10 index	02
Professional Membership	IEI



Assistant Professors





Name	Mr. Pradeep Patanwar
Qualification	M.Tech, Ph.D (On-going)
Experience	11
Journal Publications	06
Patent	03
H index	02
I10 index	01
Professional Membership	IEI

	Name	Mr. Bhushan Singh Gautam	
ı	Qualification	M.Tech	
ĺ	Experience	13	
	Journal Publications	01	
	Patent	04	



	Name	Mr. Prateek Gupta	
	Qualification	M.Tech	
	Experience	04	
1	Journal Publications	01	

Name	Dr. Samarjit Singh	
Qualification	PhD & PDF	
Experience		
Journal Publications	22	
Patent	01	
H index:	10	
I10 index	10	

Supporting Staff



Name	Mr. Vikas Kumar Talalwar	
Designation	Office Assistant	
Experience	28 years	



Name	Mr. Ramesh Singh Bargah	
Designation	Tech. Asstn.	
Experience	10 years	

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1	Name	Kumar Dongre
	Designation	MTS
	Experience	12 years



Department Infrastructure





SI. No.	Academic Venues	Nos Available
1	Class rooms	7 (4 UG, 2 PG, 1 PhD)
2	Faculty Room	14
3	Research Scholar Room	3
4	Laboratories	8
5	Drawing Hall	1
6	Dept. Library	1

SI. No.	Operation Venues	Nos Available
1	HoD Cabin	1
2	Dept. Office	1
3	Record Room	1
4	Meeting room	1
5	Seminar Hall	1
6	Girls common room	1



Department Laboratories





CAD Lab (21.9 lakhs)



Refrigeration and Air-conditioning Lab (17.57 Lakhs)



Heat and Mass Transfer Lab (11.52 lakhs)



Theory of Machine Lab (6.7 lakhs)



IC Engines Lab (3.66 lakhs)



Fluid Mechanics and Machinery Lab (5 lakhs)



Fluid Machinery Lab (5.8 lakhs)



Material Testing Lab (6.78 lakhs)



Other infrastructures





Classroom



Department Library



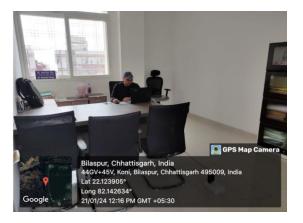
Girls Common Room



Drawing Hall



Smart Class Room



Faculty Room



Meeting Room



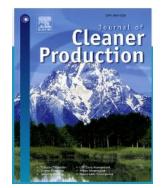
PA & CCTV facility



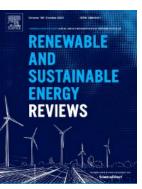


Research Outcome

Selected High Impact Journals Publications







IF: 15.9

IF: 6.7





IF:9.2



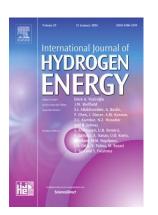
IF:6.2



IF:8.7



IF:5.8



IF:7.2

IF:9.0

Patent Details

Academic Year	19-20	20-21	21-22	22-23	23-24	Total
Published	-	2	4	1	1	8
Granted	-	2	-	3	3	8

Books: 03, Book Chapters: 06





Commercialised-Product Development



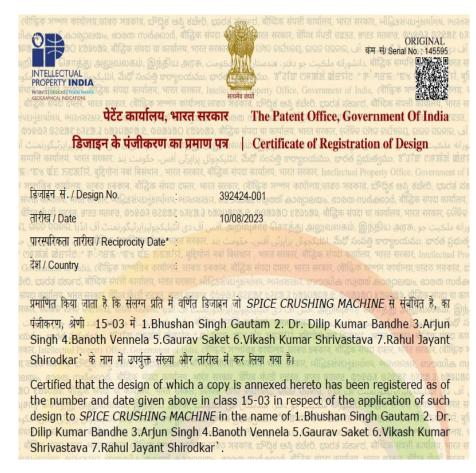
Automatic Spice Crushing Machine that preserves the Flavour and Nutritional Content of Spices





Working Model

Mentor: Mr. Bhushan Singh Gautam, Assistant Professor Department of Mechanical Engineering Guru Ghasidas Vishwavidyalaya, Bilaspur.

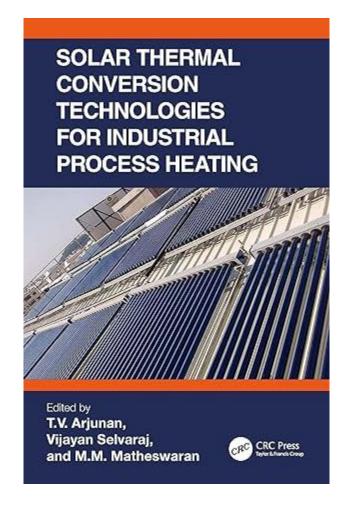


Design Patent Granted (Utility Patent filing in process)

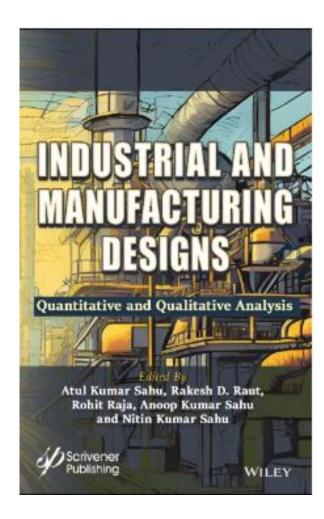


Books & Proceedings Published











Research recognitions



5.No.	Name of faculty	Nature of Award	Details of Event / Competition
1.	Prof. T.V. Arjunan	Best Research paper award 2021	Guru Ghasidas Jyanthi
2.	Dr. J.P. Ekka	Best Research paper award 2021	Guru Ghasidas Jyanthi
3.	Dr. Pankaj Kumar Gupta	Best paper award	CHEMCON - 2022
4	Dr. Samarjit Singh	Elite Cum Silver in NPTEL	IIT, Guwahati







Best paper award received by Dr. J P Ekka

Best paper award received by Dr. Pankaj Kumar Gupta Silver Medal in NPTEL Course by Dr. Samarjit Singh



Prof. T.V. Arjunan receiving a Best Paper Certificate from the Honorable Vice Chancellor



Research Grants Received



5. No.	Name of the Project	Funding Agency	Project Cost	Status of the Project	PI/CoPI
1.	Experimental and Computational Analysis of Fabrication of Metal Matrix Composites (MMCs)	UGC	5.27 Lakhs	Completed	Dr. Rajesh Bhushan
2.	Development of Solar Evacuated Tube Collectors with Inserted Baffles for Direct Air Heating in Industrial Applications	DST	162.3 Lakhs	Completed	Dr. T V Arjunan
3	Development of Metal or Metal Oxide Modified Carbon Fiber based Epoxy Composites For Enhanced Electromagnetic Shielding And Mechanical Behaviour	GGV-SEED	1.0 Lakh	Ongoing	Dr.Samarjit Singh
4	Automatic Spice Crushing Machine	Love Khush Food Enterprises, Bilaspur	1.15 Lakh	Completed	Mr.Bhushan Singh Gautam











Grants for FDPs and Conference



5. No.	Name of the Event	Funding Agency	Project Cost	Duration	Coordinator
1.	A FDP on "Teaching and Learning -MATLAB"	AICTE	93,000	6-10 th Dec 2020	Dr. P K Gupta
2.	A FDP on "Advanced Manufacturing Technology".	AICTE	93,000	17-21 st Jan 2021	Mr. Biplab Das
3.	A FDP on "Slurry Flow in Mineral Processing".	AICTE	93,000	6-10 th Dec 2021	Dr. P K Gupta
4.	International Conference on "Advances in Renewable and Green Energy Technology (ICARGET-2023)	SERB NTPC, Sipat CSIR	2,50,000 1,00,000 1,00,000	7-8 th Dec 2023	Dr T V Arjunan
	Total		7,29,000		











AICTE & UGC Doctoral Fellowship





2 PhD Scholars awarded with Fellowship Grant of Rs. 20,47,680



1 PhD Scholar awarded with Fellowship Grant of Rs. 2,88,000



Mr. Shubhra Vishwas

Title: Influence of Particle Size and Morphology of Filler Material on the Machinability of Carbon and Glass Epoxy Composite.

Supervisor: Dr. P K .Gupta



Mr. Yugendra Kumar Sahu

Title: Experimental Investigation and
Characterization of Nano Filler-Based Shape
Memory Polymer Composites for MultiFunctional Applications

Supervisor: Dr. T V. Arjunan



Mr. B. Parthiban

Title: Ride and Comfort of Vehicle Suspension using neural network

Supervisor: Dr. S P. Anbuudayasankar



Available Research Facilities





Pin on Disc meter



Vacuum Over



Pyranometer



Hot wire anemometer



Solar Power Meter



Anemometer



Differential Pressure Manometer



12 Channel Recorder



Moisture Analyser



Research Facilities Developed





Evacuated Tube Solar Air Heater Mr. Prashant Kumar Jangde,

Outcome: No of Ph.D students

No of UG students No of PG students

SCI article 01(IF 2.4)

Industrial Collaboration 01



Pin Fin Fluid Heat Exchanger Mr. Pradeep Patanwar

Outcome: No of Ph.D students No of UG students Industrial Collaboration 01



Research article | First published online February 16, 2023

Thermal performance assessment of the coaxial pipe evacuated tube solar air heater in Bilaspur climatic conditions





Tubular 3 Pass solar air heater Dr.JP. Ekka

Outcome: No of Ph.D students 01 No of UG students 08

> 01(IF8.2) SCI article





Experimental and numerical methods for the performance analysis of a tubular three-pass solar air heater



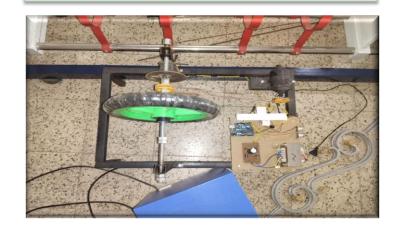
Demonstration Models Developed by the

students





Evacuated Tube Solar Air Heater



Electromagnetic Braking System



SAVONIUS type vertical
Axis wind turbine



Single Slope Solar Still Reflector



Solar Simulator





Research and Academic Collaboration - International



DST Sponsored ASEAN-India Research Training fellowship









Indian Host Scientist
Dr. Pankaj Kumar Gupta,
Associate Prof / Mechanical



बिलासपुर भास्कर 11-10-2022



म्यांमार की छात्रा का फैलोशिप के लिए चयन, सीयू में करेंगी शोध

पुर | मांडले टेक्नोलॉनिकल सेंटी म्यांमार की छात्रा टोई यादानार का केंद्रीय विज्ञान

केंद्रीय एवं तर विभाग प्रायोजित आस्थान

प्रायोजित विह आसियान ईडिया छह वर्च एंड ट्रेनिंग फैलोशिप शो आईआरटीएफ) में चयन हुआ प्रति



Total Grant Received: 10.45 Lakhs

Award Ref No.	Scholar Name	Topic	Country	Duration
	Dr. Nyein Aye San	Numerical Investigation Of		03-10-2019
RTF/2019/000107	Mandalay Technological	Erosion Characteristics In Pipe	Myanmar	to
	University, Myanmar	Bends For Dense Slurry Flow		31-03-2020
RTF/2021/000184	Ms. Toe Yadanar	Experimental And Numerical		29-09-2022
K11/2021/000104	Mandalay Technological	Study On Direct Solar Dryer	Myanmar	to
	University, Myanmar	Study On Direct Sold Dryer		27-03-2023
RTF/2022/000210	Ms. Khaing Yi Win	Structural And Model Analysis Of		29-09-2023
K11/2022/000210	Technological University	Air Brake Assembly	Myanmar	to 24
	(Kyaukse), Myanmar	All bruke Assembly		26-03-2024



Research Collaboration with Cetemet, Spain



5 .	Mech
No	Faculty

Research Topic

Spain Collaborator

Supervisor: Prof. T. V. Arjunan, Prof. MECH

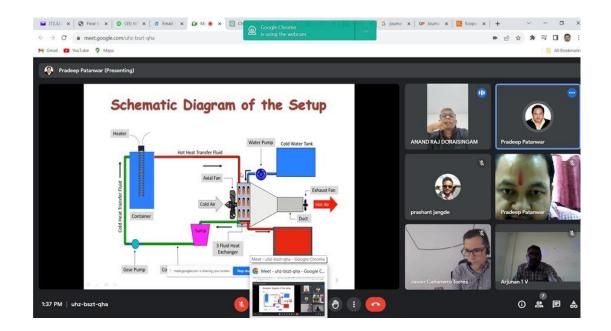
1 Mr. Prashant Jangde CFD Analysis of Solar ETC air heater with jet impingement

Mr. Pradeep Patanwar

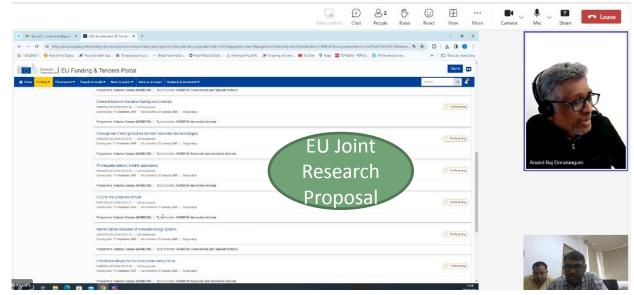
CFD and Simulation Analysis of a 3 pin fin fluid heat exchanger

Dr. Anand Raj Doraisingam CEng MIET, International Project Development Manager, Technology Centre of Metal-Mechanical and Transport, 23700 Linares (Jaén) Spain www.cetemet.es





cetemet TECHNOLOGY CENTRE OF METAL-MECHANICAL AND TRANSPORT





Collaboration - Conference and Publication

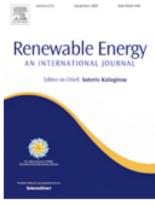
Sponsored by DST-SERB, NTPC & CSIR

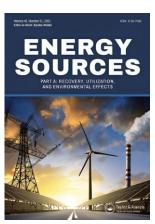






Journal Name	Impact factor & Index	Title of Special Issue	Faculty	Role
Renewable Energy, (Elsevier Publications)	8.7 (SCI, Scopus Indexed)	VSI: RGET	Prof.T.V.Arjunan	Guest Editor
Solar Compass- Journal of the International Solar Alliance, (Elsevier Publications)	Scopus Indexed	VSI: SGET	Prof.T.V.Arjunan Dr.Pankaj Gupta	Guest Editor
Transactions on Energy Systems and Engineering Applications (UTB Publications)	Scopus Indexed	EARGET	Prof.T.V.Arjunan Dr.Pankaj Gupta	Managing Editor













IF:8.7

IF:2.9

IF:2.4

Scopus

Scopus

Scopus



International -Collaborative Research Proposal (Applied)



Title of the project	PI of GGV	Collobarating U	niversity	Agency
Development of Nanomaterial coated Twisted Micro-fins Evacuated Tube Solar Air Heater	Dr.T.V.Arjunan (PI) and Dr.Pankaj Kumar Gupta (CoPI)	•		DST - ASEAN
Development of computational models for accurate prediction of slurry erosion of subsea pipelines	Dr.Pankaj Kumar Gupta (PI) Prof. Sharad Chandra Shrivastav (CoPI)	Prof. Stefano Malavasi Department of Civil and Environmental Engineering, Politecnico di Milano, Italy.		DST







GIAN Global Initiative of Academic Networks



S.No	Title	Faculty Coordinator GGV	Foreign Faculty Member		Status
1	Sustainable Electrification Strategies for Tribal Communities: Microgrids and Renewable Energy Perspectives	Dr.T.V.Arjunan, Principal Coordinator	Prof. Mohan Lal Kolhe, Professor in Smart Grid & Renewable Energy, Faculty of Engineering & Science, University of Agder (Norway).	U	nder Review
2	Laser-Powder Bed Fusion Additive manufacturing for load-bearing implants	Dr. T G . Loganathan Mr. Biplab Das, Coordinators	Prof Arun Arjunan, Additive Manufacturing of Functional Materials (AMFM) Group, Centre for Engineering Innovation and Research, University of Wolverhampton, Telford TF2 9NT, United Kingdom	U	nder Review







National -Academic Collaborative research



S.No	Title of the project	Kind of Collaboration	Faculty Involved	Collaborative Institute	Status
1	Development of Slot Jet Impingement Evacuated Tube Solar Air Heater dryers for dehydration of onions (funded by AICTE & Department of Consumer Affairs & MIC- Idea to PoC: Development Cost Rs 75,000 & Prize Money Rs 25,000: PoC to Product: Development Cost Rs 5,00000 & Prize Money Rs 50,000)	The Onion Grand Challenge (Mentor)	Prof.T.V.Arjunan	Matheswaran M.M (Leader), Jansons Institute of Technology, Coimbatore	Ongoing
2	Performance enhancement study of solar evacuated tube collector	Doctoral Research Programme (Co- Supervisor)	Prof.T.V.Arjunan	Dr.G.K.Agarwal (Supervisor), Professor/Mech, GCE, Bilaspur	Ongoing
3	Numerical investigation of the effect of upstream swirl on pressure drop and erosion wear characteristics in slurry pipelines	Doctoral Research Programme (Co- Supervisor)	Dr. Pankaj Kumar <i>G</i> upta	Dr. Niranjan Kumar (Supervisor), IIT-ISM Dhanbad	Completed
4	Design and development of tubular solar still integrated to parabolic collector with heat exchanger	Doctoral Research Programme (Co- Supervisor)	Dr. Pankaj Kumar <i>G</i> upta	Dr. Satish K. Dewangan (Supervisor), NIT Raipur	Completed
5	Noise and Vibration Analysis	Invited Expertise	Mr. Bhushan Singh Gautam	Dr. Narsing K. Jha Asst. Prof, IIT Delhi	Completed
6	Investigation of mechanical & dynamic properties of chemically and microwave treated calotropis gigantea reinforced nelumbo nucifera filled hybrid polymer composite	M.Tech Research Dissertation (Supervisor)	Prof.T.V.Arjunan	Dr. K. Vinoth Kumar(Co- Supervisor), R.M.K College of Engg. & Technology, Chennai	Completed



Collaborative Teaching with Industry

Innovative and Best Practices



> Offering Industry related courses to the B. Tech Students taught by industrial experts



साउथ ईस्टर्न कोलफील्ड्स लिमिटेड South Eastern Coalfields Limited

A Government of India Undertaking A Miniratna Company













Innovation and Design thinking
Dr. A. K. Tripathi
(GM and Head/Learning &
Development RLI, NTPC Sipat)





Environment-friendly power generation from coal

Mr. M Muthuraman AGM, NTPC Sipat.

Metal Cutting Mr. B. R. Naresh MD, CZAR Soln.



Consultancy Services Initiated





Domain: Solar & Renewable Energy

Faculty Involved:

- 1. Dr. T V Arjunan
- 2. Dr. Pankaj Kumar Gupta
- 3. Dr. Jasinta Poonam Ekka
- 4. Mr. Prashant Kumar Jangde



Domain: Supply Chain Management

Faculty Involved:

- 1. Dr. S.P. Anbuudayasankar
- 2. Dr. Anoop Kumar Sahu
- 3. Mr. Biplab Das

The above two organizations are in the verge of completing the official formalities with the department of Mech Engg to be their technical consultant for business excellence.



MOUs















Domain	Organisation
Water Management	A2 ENVIRONMENT CONSULTANT, RAIPUR
Start-up	B-INCUBE INCUBATION CENTRE, BILASPUR
Industry	MSME Tech Durg,
Testing Lab	CIPET Raipur

Domain		Organisat	ion	
Instrumentation	BHARAT BILASPUR	SANCHAR	NIGAM	Ltd,
Construction	JHAJHARI	A NIRMAN L	td, BILASPI	JR
Industry	ZIROHLAE	S PRIVATE L	td, BANGAI	LORE



Workshops, FDP, Seminars, and Conferences



Academic Year	Workshop / FDP	Seminar, Symposium & Guest Lectures	Conferences
2019-2020	-	2	-
2020-2021	2	2	-
2021-2022	2	4	-
2022-2023	4	6	-
2023-2024	1	2	1
Total	9	16	1



International Conference on "Advances in Renewable and Green Energy Technology (ICARGET-2023)" 7-8 Dec 2023



One Week FDP " Advanced Manufacturing Technology" Funded by AICTE. 17-21 Jan 2021



Fund received 2 Rs. 93000

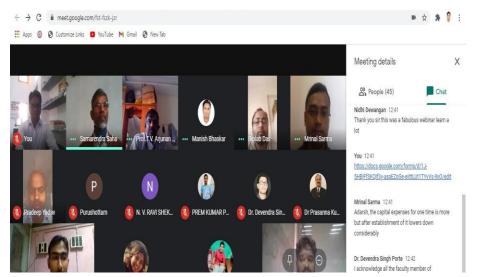
AICTE funded One Week FDP on "Slurry Flow in Mineral Processing" 6-10 Dec 2021,



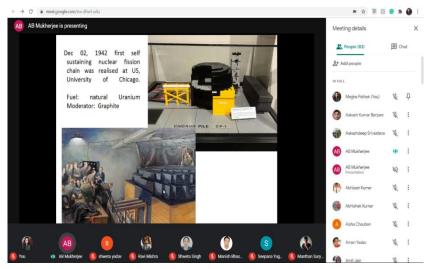
Webinars



Advances in Biofuel



Coordinated by: -Mr. Biplab Das, Mr. Manish Bhaskar



Smart Sustainable Buildings and New Material Technology





Coordinated by: -Mr. Pradeep Patanwar, Mr. Manish Bhaskar

Nuclear Power Plants

Mr. A. B. Mukherjee Scientist and the former Director of Reactor Projects Group, BARC

Coordinated by: Mrs. Shweta Singh



Professional Club Activities



Society of Automotive Engineers (SAE)

Automotive Workshop(3.11.2023)



Speaker: -Core SAE-GGV members

Coordinated by: - Mr. Bhushan Singh Gautam

Renewable Energy Club (REC)

Climatic Change Workshop (22.06.2022)



Speaker: - Prof. Chetan Singh Solanki "Solar Man of India & Solar Gandhi" Coordinated by: -Mr. Manish Bhaskar

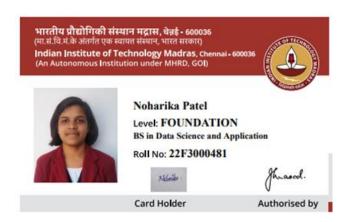


Students Participative Learning



BS in Data Science and Applications at IIT, Madras









Mr. Amit Raj, IV Yr Awarded Fellowship at Advanced Engg Lab, IIT Patna



B. Kalyan Nayak, III Yr Internship @ IISc, Blore.



Industrial Visits





CIPET Raipur | 17 Oct 2023



MSME Tech Center Durg | 05 Apr 2023



MSME Tech Center Durg | 23 July 2021



MSME Tech Center Durg | 16 Dec 2021



Students Extension Activities





Cleaning lake under 'Swatch Bharat Mission' near Champi Dam



Cleaning activity by NSS volunteers near TENDUBHAT, Ratanpur



Awareness program by NSS volunteers near PUDU, Ratanpur



Awareness program in village PUDU by way of act/drama



Contribution by the Faculty Members





Research Instruments Rs. 70623.00

- 1. Solar Power Meter, IATM-207 9027
- 2. Thermo Anemometer -IAEQ-619 9031
- 3. 12 Channel Paperless Recorder With Accessories. IA96009030
- 4. K-type thermocouple compensation cable, 7/36 Tef8544
- 5. Temperature Humidity Meter, IAEQ-32159025
- 6. Magnetic stirrer with SS hot plate-11tr
- 7. Digital Manometer, IAEQ-8890A(+/-2 PSI)

Outcomes	Nos.
No of Ph.D students working	04
No of UG students completed/working	40/16
No of PG students completed	03
No. of SCI article	03



Awards/Prizes received by students



5.No.	Name of the student	Name of Event (Co- curricular)	Event Level
		Boxing	National Level
		Kick-Boxing	National Level
1.	Madhav Mishra	Taekwando	National Level
1.	Machay Mishi a	Essay Competition	University Level
		Speech Competition	University Level









Placement



















2022-2023



DIKSHA GUPTA



SHIVAM MISHRA



ABHIJEET KUMA



MADHAV MISHR



OMESH PATRE



SHANKAR THAKUR



HERO LAL TANDA

M/s. Plan Reality (7.2Lakh)



CHALLA SAI SANTOSH MECH ROLE:-ASSISTANT MANAGER



M/s. Shriram (3 Lakh)



Students Progression and Higher Education



Graduation Details	2018-19	2019-20	2020-21	2021-22	2022-23
Appeared	37	33	39	42	86
Graduated	36	29	38	41	77
% of Graduation	97	88	97	98	90
Average			96%		

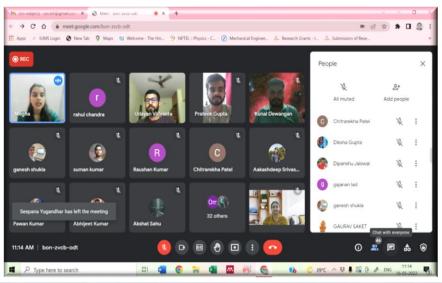
S.No.	Year	Total Number of Students	Details
1	2017- 2024	77	GATE Qualified
2	2017 - 2024	05	Pursuing PhD @ NITs, IITs



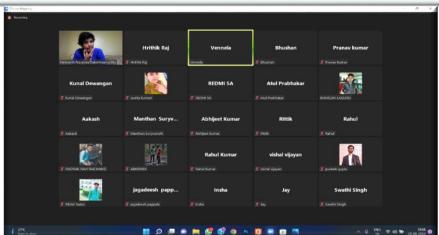


Alumni interaction





Udayan Vidyanta (Product Designer, Gojek), Batch: 2019; One day seminar on "SAMVAAD: Is Design a Career for you" Date 16.05.22



Hemanth Narayan Dakshinamurthy, Batch: 2018; One day seminar on "PROTALK with Alumni" Date 20. 08.22



An Alumni meet with Mr. Abhishek Kumar (NTPC) & Ms. Shubha Bharti (Emphase Energy, 2020 Batch, Date 11.01.24



An Alumni meet with Dr. Saurav Suman (HoD, NIT Mizoram), Batch: 2014, Date: 05.01.24



Distinguished Alumni





Dr. Saurav Suman HoD/MECH NIT Mizoram B.Tech - 2013-2014



Shreekant Srivastava B.Tech 2010-2014, Maruti Suzuki, Japan



Mr. Abhishek Kumar NTPC, Nagpur B.Tech - 2019-2020



Guru Sahu, (2010 Batch), CG Public Health Department



Ms. Sudha Bharti Enphase Energy, Blore B. Tech – 2019–2020



Mr. Budda Naga Chaitanya Ganesh, Telangana state special police B. Tech - 2012-2013



Ayan Kumar, Linde India Ltd, Bhubaneswar, Odissa, B. Tech - 2018-2019



Hemanth Narayan Dakshinamurthy Utha State Universit, USA



Udayan Vidyanta, Pproduct Designer, Gojek, (2016 Bbatch)

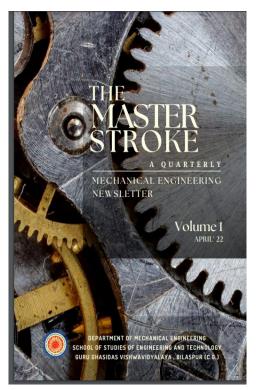


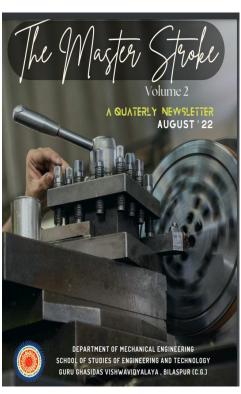
G. Sai Kumar Goud,(2013 batch), TelanganaState Special Police

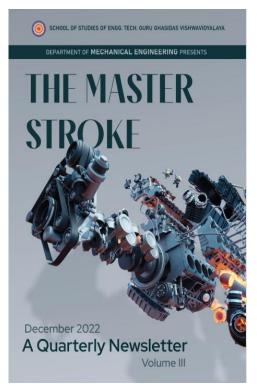


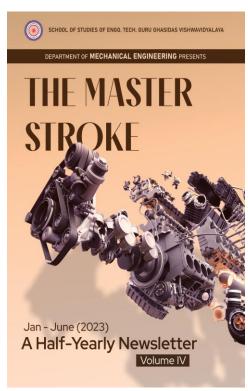
Department Newsletter













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Welcome to Department of Mechanical Engineering

School of Studies of Engineering & Technology Guru Ghasidas Vishwavidyalaya, Bilaspur

