



Department of Electronics & Communication Engineering School of Studies of Engineering & Technology Guru Ghasidas Vishwavidyalaya, Bilaspur (CG)





1 Professor, 7 Associate Professor, 12 Assistant Professor

Publications 360+, Highest H-index=22

06 Books, 60 chapters, 130 Conferences

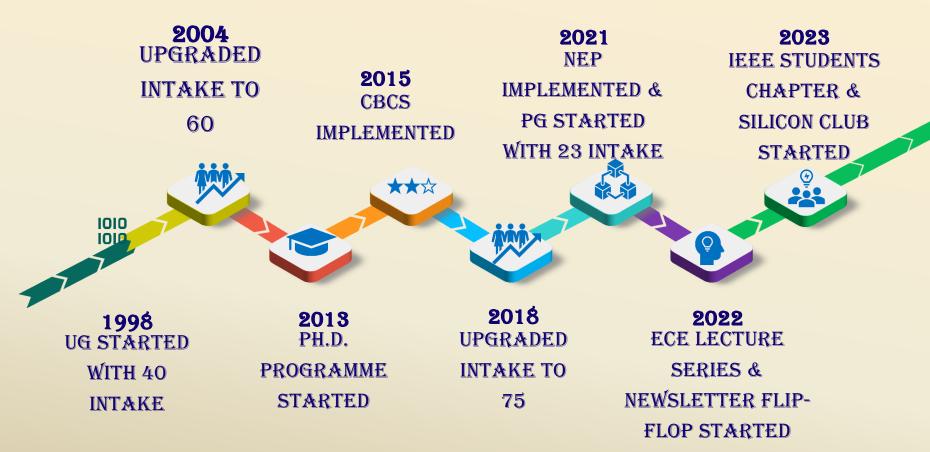
Alumni: 2 IES, 16+ GoI officials

75 UG (2018) 23 PG Intake

MOU with Raipur Smart City

Milestones....







Vision of the Department



The Department endeavours for academic excellence in Electronics & Communication Engineering by imparting in depth knowledge to the students, facilitating research activities and cater to the ever-changing industrial demands, global and societal needs with leadership qualities.

Mission of the Department

- To be the epitome of academic rigour, flexible to accommodate every student and faculty for basic, current and future technologies in Electronics and Communication Engineering with professional ethics.
- > To develop an advanced research centre for local & global needs.
- To mitigate the gap between academia, industry & societal needs through entrepreneurial and leadership promotion.

Department Highlights

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➤ Students outreach activities: IEEE student branch, Students Club SILICON, Publishing departmental Newsletter The FLIP-FLOP

- > Students progressed in higher studies from IITs & reputed Universities of US, EU and other countries
- ➤ Students received internship with fellowship & placement, FACT fellowship from Gol



Oct-Dec-22, Volume-1, Issue -4

MOU, Industrial Visits & Interactions















Teaching Learning Process





Regular implementation & revision of course curriculum



Test & exams (2 CT & 1 ESE)



Exposure to universal human values (Trained teachers)



Mentor-mentee



Exposure to experiential learning

Experiential Learning



Laboratory classes of respective subjects & demonstration of equipment,

Minor & Major Project implementation,

Conduction of Seminar classes,

Assignments, Tutorials & Group discussions,

Exposure to universal human values under the curriculum,

Remedial classes based on the assessment of slow/fast learners,

Regular Visit to Industry in final & pre-final year students,

Online Internship Program (Optional),

Workshop, & career counseling for higher studies.

Industrial Training

Identification of Slow and Fast Learners





At the entry-level, the basis is 12th standard marks



At Higher levels based on CT-1 Marks/Last semester marks



The remedial classes are arranged for slow learners



Additional resources and guidance are provided for Fast learners

The team



Dr. Soma Das, Professor Antenna & RF component Design



Dr. Anita Khanna, Assoc. Professor Signal Processing, Image processing, Machine Learning, Deep Learning



Dr. P K Sethy, Assoc. Professor Image processing, Machine Learning, Deep Learning



Dr. S S Chauhan, Assoc. Professor Low power VLSI device, Wireless Comm., Physical Layer Security



Dr. N K Mishra, Assoc. Professor Antenna Design, Metamaterial Absorber, RF & Microwave



Dr. R Dey, Assoc. Professor Embedded System, IoT, Linear and Adaptive Control



Dr. P S Shrivastava, Assoc. Professor Wireless Comm., D-2-D Comm., 5G & beyond Comm System



Dr. M Gupta, Assoc. Professor Al, Machine Learning, Deep Learning, Biomedical Signal & Image processing/Medical Imaging



Bhawna Shukla, Asstt. Professor Wireless Communication



Beaulah Nath, Asstt. Professor Digital VLSI

The team



S K Patel, Asstt. Professor Microwave Antenna, RF Beamformers, Microwave Circuits



D K Rathore, Asstt. Professor Wireless Communication, Communication Networks, Massive MIMO systems



Dr. N Kashyap, Asstt. Professor Image processing, Artificial Intelligence. Machine learning



S K Gupta, Asstt. Professor Microwave Structures, Metamaterial, Power Circuits



J Bharadwaj, Asstt. Professor Computer Vision & Applied AI, Robotics, Digital Signal Processing & Intelligent Automation & Multi-Media Applications



Dr. A K Soni, Asstt. Professor Image processing, THz Device Design



P Patharia, Asstt. Professor Opto electronics



P Rajput, Asstt. Professor Electronics Devices, Network Security, Communication, VLSI



C Tamrakar, Asstt. Professor Communication Signal processing, Biomedical Signal Processing (ECG Signal)



Dr. R Tripathi, Asstt. Professor AI/ML for 5G Communication

Office Staff = 01 Technical Staff = 03 Research Scholars = 12



- Editorship: Taylor & Francis, Wiley, Apple Academic Press, International Journal of Science, Technology and Society
- **❖** Research Copyright = 03
- **❖** Total Journal Publication = 360
- ❖ Highest h-index = 22
- No. of Patent = 35 (08 granted)
- No. of Books = 06, chapters = 60
- Conference attended = 130
- Research Project ongoing/completed: 3/1
- ❖ International Higher Education Excellence Award 2023: Dr. Manoj Gupta
- Reviewer: Elsevier, IETE, IEEE Transactions on signal Processing, WILEY
- ***** Key note Speaker, Session Chair, Expert Lecture: 20+



Major Recruiters



Technology



S.N.









Name



Company

Success Stories







Congratulations on scoring well in GATE Examination





TANGUDU SAI PAVAN ECE | 2023 BATCH |



GIRIRAJ GAUTUM ECE | 2023 BATCH |



ASHUTOSH KUMAR ECEI 2023 BATCH |



SADASIVUNI SAI RAHUL ECE | 2023 BATCH |



DEEPANSHU PATEL ECE | 2023 BATCH |



YASH SINGH CHAUHAN ECE | 2023 BATCH |



SAURABH GUPTA ECE | 2023 BATCH |



K. S. PRABHATH BHUSHAN VARMA ECE | 2023 BATCH |



गुरु घासीदास विश्वविद्यालय, बिलासपुर Guru Ghasidas Vishwavidyalaya, Bilaspur A Central University established by the Central University Act 2009 No. 25 of 2009

فحالفها درواغ بالبرقير فحالفها دروا فيصاب فيرفحالفها دروا فيراب فيومالفها دروا فيراب



1	Rishabh Upadhyay	Hexaware Tech
2	K Shyam P B Verma	Hexaware Tech
3	Sagam Narsimham	TCS
4	Amit Mishra	High-Tech Next
5	Anish Kumar	High-Tech Next
6	Koushik Ghosh	High-Tech Next
7	Murshid Raza	High-Tech Next
8	Praveen Thakre	High-Tech Next
9	Virendra Yadav	High-Tech Next
10	Prince Jaiswal	Tech Mahindra
11	Prince Jaiswal	TCS
12	Reddy Akhila	Learning Routes

Success Stories





Congratulations on qualifying the GATE exam!



M D RAJU GATE SCORE 410



P.N REDDY GATE SCORE 390



NISHANT WANKHADE GATE SCORE 643



G SANDEEP GATE SCORE 320



S SAI NITHIN GATE SCORE 320



R. SAI PRASAD GATE SCORE 380



حاللها



Guru Ghasil das Usthua uselyaloga has Participated in Central Zone Student Research
Convention (ANVESHAN 2023-24) held at Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhatitisgarh during February 02-03, 2024.
His/ Her/Proposal/Project entitled Melamaterial based Legrachive Osplication.
under the category of Gaglnessing and Technology and Secured 1st Position.

GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR

ASSOCIATION OF INDIAN UNIVERSITIES
Central Zone Student Research Convention
ANVESHAN 2023=24
February 02-03, 2024

Success Stories

- Tractrix Opto Dynamics offered paid internships to: Srijani Som, Ankit Kumar, Harsha Verma.
- Nishant Wankhade received an Internship offer from the Department of CSE, IIT Bombay.
- Rishabh Upadhyay participated in the Floral Tribute function with PM at New Delhi on 23 Jan 2023.
- Five students have completed the FACT Internship of ABPUA with a stipend.











Success Stories

Lat 22.075069° Long 82.143371°

02/08/23 10:10 AM GMT +05:30

Google





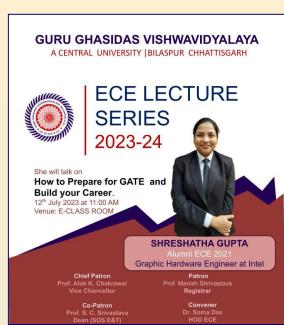
Name of Students	Stipend (in Rs)
SANKARSHAN MISHRA	1,00,000
GAURAV KUMAR	50,000
SANA PAVANI	35,000
RP RAMACHANDRAN	25,000
NEHA SAHU	15,000 ₁₆

Existing Facilities

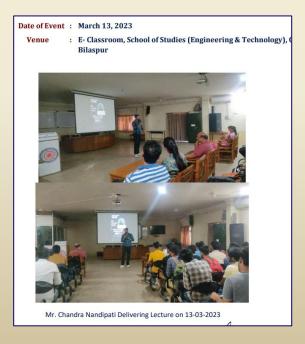


















Skill Enhancement













गुरु घासीदास विश्वविद्यालय, बि

GURU GHASIDAS VISHWAVIDYALA
A CENTRAL UNIVERSITY ESTABLISHED BY THE CENTRAL UNIVERSIT

Inauguration o

IEEE GGV STUDENT BRA SILICON CLUB

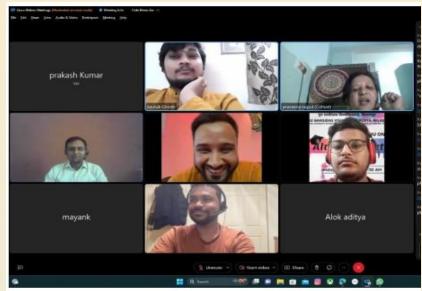
April 06, 2023 Venue : E-classroom, Time

Department of Electronics and Comm School of Studies of Engineering



Alumni Meet

- ➤ Department conducted the online Alumni meet on 07th May 2023.
- ➤ 1st to 4th year B.Tech, M.Tech, PhD students participated in the meet.
- Discussed on the current placement scenarios, Startups, Higher Studies.



Alumni Meet on 07 May 2023

In Harmony with Nature



















Co-coordinator



Ministry of Human Resources & Development (MHRD), Govt. of India.

About GGV Bilaspur

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Notable Alumni





Vikash Shwarnkar, Dy Head, System reliability, SDSC SHAR, ISRO



Dr Sanjeev Kumar Scientist URSC, ISRO Bengluru



Vivan Prakash Scientist /Engineer, SD, ISRO



Ranjeet Deshwal Commander, Electrical Officer, Indian Navy



Sumit Kumar Scientist B, DRDO



Ravi Kant Sahu Assistant Marshall Vidhan Shabha C.G.



Ashok Meena Senior Branch Manager Union Bank of India



Ankit Dwivedi Senior Income Tax Officer, Bangalore

Notable Alumni





Abhishek Shukla Assitt Divisional Engg Ministry of Comm., GOI



Arvind Meena Assistant GM, RBI, Mumbai



Shashi Bhusan Singh Senior Sales Officer Indian Oil Corp. Ltd.



Hari Shankar Soni SDE, BSNL, Raigarh



Dinesh Sharma UPSC (ESE) AIR-23



Robert Mark Electrical Designer, Philips



Aashish Shukla, GST Inspector



Tarun Desai a, Implementation Specialist, r Upstream Work Software



Prahalad Khandekar Section Engg, Indian Railway



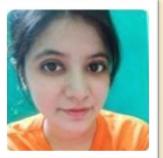
Ambuj Mishra
Senior Product Manager,
Ed Tech Firm

Notable Alumni





Mansi Singh Software Engg, **Deloitte**



Saumya Tripathi Silicon Engineer **AMD**



Dr. Nikita Kashyap Assitt Prof, GGV



Nibha Priyadarshani **Assitt Prof, MNNIT** Allahabad



Maitreyi Khandelwal Enterpreneur, Ecommerce domain



Manu Kashyap Senior EM Design Engg, Qualcomm



Chandra Shekhar Sahu Co-founder, GlowRoad



Abhishek Khandelwal Enterpreneur, E-commerce



Arvind Gadhwal



Mukesh Parihar Soft Engineer, Microsoft — Asic Design Engineer, Micron **Technology Hyderabaad**

Future Road Map





B.Tech program with subject specific major

Research laboratory set up

Foreign funded Research projects

Min 01 FDP (National/ International) per academic session

