



बी० आई० टी० सिन्दरी, धनबाद, झारखण्ड
B.I.T. SINDRI, DHANBAD, JHARKHAND
(Department of Higher & Technical Education)



ELECTRO-VISION 2021

DEPARTMENT'S OFFICIAL PUBLICATION

SECOND EDITION

PATRON

Dr. D. K. Singh (Director)

EDITOR-IN-CHIEF

Dr. Madan Gopal Tiary (HOD, ECE)

EDITOR

Dr. Imteyaz Ahmad

CO-EDITOR

Ritesh Kumar (ECE, 2K20)

From the Director's Desk

“All birds find shelter during rain, but Eagle avoids rain by flying above the clouds. Problems are common, attitude makes the difference!”

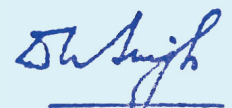


I am elated to know about “**ELECTRO-VISION 2021**”, the departmental newsletter of Department of Electronics & Communication Engineering. This newsletter reflects the unbreakable team work and dedication of the department towards the growth of the institute.

The Department of Electronics & Communication Engineering was established in 1957. It boasts of a unit of learned and dedicated faculty members and sincere staffs who work with great zeal and enthusiasm to provide vibrant and optimum learning environment to the students and help them acquire skills which are required to excel in today’s competitive environment.

It has well equipped laboratories, required for undergraduate as well as postgraduate programs. Moreover, it establishes new laboratories as per the need of recent advancements in technologies and also upgrades its laboratories on a regular basis to provide better facilities to its students. In addition to this, the department organizes workshops and training programs not only for the students but also for the esteemed faculties. The department has also organized an international symposium on 5G and beyond for rural upliftment, which has left a golden impression on the global platform of engineering and technology. Due to its dedicated efforts towards the future of its students and the institute, the department has given many legendary alumnae, working in different industries and academia throughout the globe.

With this, I would like to congratulate the whole team of Electronics & Communication Engineering Department including Faculty Members, Non-Teaching Staffs and Students for publishing the Newsletter and wish for their bright and promising future ahead.

A handwritten signature in blue ink, reading 'D.K. Singh'.

Prof. (Dr.) D.K. Singh
Director, BIT Sindri

From the HOD's Desk

“Education is our passport to the future because tomorrow belongs to the people who prepare for it today.”



I am highly delighted to present the newsletter of our department **“ELECTRO- VISION 2021”** which carves out all the achievements and activities held in the last two academic sessions 2020-2022. The newsletter intends to hold up to view about the various proceedings, functions and happenings in the department.

The department offers a wide range of innovatively designed course structure in four years of B.Tech program which is updated time to time to keep a pace with the upcoming technologies and meet the requirements of the industries and stakeholders as well. Our students provide an ample testimony to the emphasis who have been placed on the industrial needs of our country.

The department believes in serious academic pursuit and encourages radical and original thinking which paves the way for creativity and innovative ideas. To motivate the research-oriented thought process, various activities are carried out in domains like VLSI, Communication, Radar, Signal Processing, IoT, Control & Robotics etc. During the entire course, the students are encouraged to have hand-on experience, internship projects with reputed companies. Working on these projects helps them to inculcate teamwork and leadership qualities. They are provided with all the opportunities which ignite their queries and curious mind so that they can provide the combination of creative thinking and theoretical knowledge in whichever field they get into. **“Education is for improving the lives of others and leaving the world better than before.”** Believing on this, all the faculty members and students have been working day in and day out with full dedication and efforts.

I congratulate all the faculty members especially Prof. Imteyaz Ahmad and their student’s team Ritesh Kumar and Shreya Paul who have taken the initiative and worked hard to produce this newsletter.

I welcome you all to be a part of the journey whose main motto is to attain excellence in education, training and research.



Prof. (Dr.) M. G. Tiary
HOD, ECE



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ABOUT US

The department was established in the year 1957 with an intake of 30 students. At present department offers a four-year B. Tech degree course with an intake of 56 students and a lateral entry of 06 students. The department has excellent infrastructure and well-equipped laboratories which includes three newly developed advanced labs helping students to groom themselves to the cutting edge technology. Department also runs a Centre of Excellence Lab in Collaboration with Siemens & Design Tech to provide hands on training on PLC and SCADA not only for department students but also for the student of entire Jharkhand. Department possess dynamic and well-qualified faculty members with expertise in various domains of electronics and communication engineering.

The vision of the department is to be recognized as a center of academic excellence for globally competent, professionally, and socially responsible Electronics & Communication engineers and entrepreneurs. Department organize FDPs and workshops for teaching and non-teaching staff as well as student to give exposure and knowledge in current domain. In the current year the department organized FDP on 5G communication, wireless and mobile communication, DSP and sensors, antenna trends, VLSI chip design, natural chip processing, and IOT. Recently a two day "International Symposium on 5G & Beyond for Rural Upliftment" was jointly organized by the Department of Electronics & Communication Engineering, BIT Sindri

and Department of Electronics Engineering, IIT(ISM) Dhanbad, Jharkhand. The aspiration of the Symposium was to provide a platform for exploring and exchanging ideas among the networked people. It explains how combination of 5G, artificial intelligence, smart platforms and the Internet of Things can allow for embedding artificial intelligence into 5G communication systems for the smarter use of network generated data, the automated enabling of network operators and service providers to adapt to changes in traffic patterns, security risks, and user behavior and thus paving the way towards safe and reliable next generation wireless ecosystems that go beyond the urban area to open the doors to equality in access to knowledge and information technology into the rural regions. In this assessment year, three faculty members of the department has awarded the Ph.D. degree whether the other two faculties have enrolled for Ph.D. program at IIT(ISM) Dhanbad. Moreover, it has also grabbed a MHRD sponsored CRS Project with grant of rupee 3,86,000/-

Students of our department are encouraged to participate and organize various community and development programs through clubs, technical events and social & cultural activities. These activities provide additional exposure to the current development along with enhancing technical, social and cultural knowledge of the students..





INSTITUTE VISION & MISSION



INSTITUTE VISION

- To provide valuable human resources for the industry and society through the excellence in technical education and scientific research for the sustainable development.



INSTITUTE MISSION

- To offer the state of the art Undergraduate, Postgraduate and Doctoral Programs.
- To generate the new knowledge by quality research.
- To undertake the collaborative projects with industries and society.
- To develop human intellectual capacity with its full potential.
- To solve the problems of society through innovation in technology.





DEPARTMENT VISION & MISSION



DEPARTMENT VISION

- To be recognized as a center of academic excellence for globally competent, professionally and socially responsible Electronics & Communication engineers and entrepreneurs.



DEPARTMENT MISSION

- To prepare the students for a successful career by blending theoretical knowledge and practical skills with employability and entrepreneurial traits by offering UG, PG and Doctoral program in different domains of Electronics & Communication Engineering.
- To establish state of art laboratory and research facilities for academic excellence and promotion of quality teaching as well as learning process.
- To inculcate team spirit and leadership qualities and produce socially acceptable engineers with ethical and human values.
- To contribute to the country and the society at large by enhancing the interaction between academia and industries for addressing the need of the mankind.



FACULTIES INTERACTION

Dr. Madan Gopal Tiary received his B.Sc. degree in Physics Honors from R. K. Mission Residential College, Narendrapur, Calcutta University for which he was awarded National Scholarship, B.Tech and M.Tech degree both from Institute of RadioPhysics and Electronics, Calcutta University and PhD degree from Jadavpur University, Jadavpur, West Bengal, India. He is presently serving B.I.T Sindri, Dhanbad, Jharkhand as Professor in the Department of Electronics and Communication Engineering and Sr. Administrative Officer (w.e.f.28.6.2019), B.I.T Sindri. He previously served Asansol Engineering College, Asansol, West Bengal, India in various capacities like Principal, Dean and Head of the Department, ECE etc. He has chaired many seminar, workshop, and conferences. He is also associated with Institution of Engineers (India) Asansol Local Centre where he was previously in the capacity of the Honorary Secretary. His research interest is in the field of Microwave Engineering which includes Microstrip Antenna, Microstrip line etc. He has published more than 25 research papers in International Journals as well as International and national Conferences.



Dr. Amar Prakash Sinha is involved in teaching and research since 2002, received the M.Tech in Microelectronics degree from Panjab University, Chandigarh, and the Ph.D. degree from IIT (ISM), Dhanbad, India. He is currently Associate Professor in Department of ECE and Nodal Officer, TEQIP, BIT Sindri, Dhanbad, India. His current research interests include Semiconductor Devices, Nanoelectronics, VLSI, IoT and Quantum Computation.

Dr. Imteyaz Ahmad received his master's degree from VJTI, Matunga. Mumbai-19 under Mumbai University, Mumbai, India and Ph.D. degree from BIT Sindri under Vinoba Bhave University, Hazaribagh, India. He is currently an Associate Professor with the department of Electronics and Communication Engineering, BIT Sindri, Dhanbad, India. His current research interests include Bio-instrumentation and Bio-medical signal processing. He has published more than 26 research paper in referred journal and 16 research papers in international conferences. He has 27 years of teaching experience.





Dr. Arvind Kumar is involved in teaching and research since 2003. He received his master from BIT Mersa, Ranchi and Ph.D from BIT Sindri, VBU Hazaribag, in the field of microwave engineering. He has authored more than 15 research papers in different journals and conferences. He is member of IET. He is associated with the department since 16th September, 2006 and having more than 17 years of teaching experience. Moreover, he also has organized one international Symposium and many National level FDP program in the department.

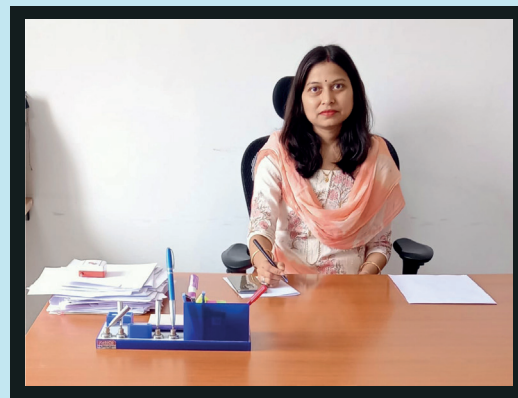


Mr. Jagveer Singh Verma is current working as Assistant Professor in the Department of Electronics and Communication Engineering under TEQIP Phase III project. He bears a total teaching, industrial and research experience of 15 years. He had completed his Bachelor's degree from Nagpur University and Master's degree from Amravati University. Currently he is pursuing his Ph.D. from IIT (ISM) Dhanbad. During his Masters he had achieved the best M. Tech Project award among SAARC countries in VLSI Cadence Design Contest. His research interest



includes Analog and Mixed signal design. He had published around 20 research papers in International journals and conferences. He is associated with BIT SINDRI since 4th Jan 2018.

Mrs. Sabita Nayak received her masters degree from BIT Sindri, Dhanbad under Vinoba Bhave University, Hazaribagh. She is associated with the department from September 2006. She teaches Electronics And Instrumentation and Digital Electronics to UG students. Her current research interest includes Smart Grid for Optimal Active Power and Secure Data Transmission using IoT in Smart Grid. She has authored many research papers in different journals.



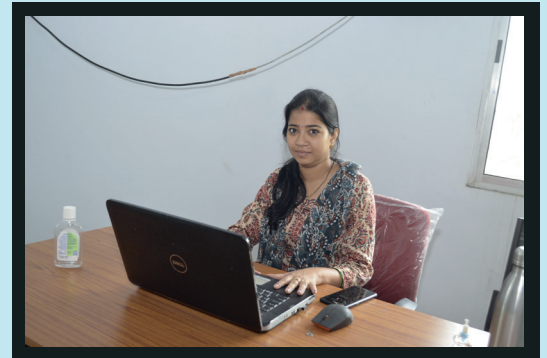
Dr. Santosh Kr. Verma received his B.Tech degree from Ideal Institute of Technology, Ghaziabad, U.P., India in 2008 and M.Tech and Ph.D. degree from IIT(BHU), Varanasi, U.P., India in 2011 and 2018 respectively. He joined the Department as Assistant Professor on 15th March, 2018. He bears total 5 years of teaching experience. He teaches Linear Control System, Digital logic Design, Microprocessor and Interfacing, and Wireless Communication to under graduate students. He has organized one International Symposium and many Faculty Development Programs in the department.





Mrs. Sangeeta Kumari received her B.Sc Engineering degree from Maulana Azad College of Engineering and Technology, Patna, Bihar, India in the year 2001 and M.Tech from B.I.T Sindri, Vinoba Bhave University Jharkhand ,India in the year 2009. She had worked as an adjunct faculty at NIFFT Hatia Ranchi. She teaches Microprocessor, Digital Electronics, Basic Electronics, Mobile Communication, RTES, C++, Microwave Engineering and Advanced EMF to undergraduate students. She is Laboratory In charge of Microwave Engineering Lab.

Mrs. Pritika Singh received her B.Tech degree from Institute of Engineering Jiwaji University, Gwalior, M.P. India in 2013. She did her M.Tech in Communication from NIT Agartala in year 2015. She is currently pursuing Ph.D from IIT ISM Dhanbad in area photonic integrated circuit. She has teaching experience of 5 years. She served as assistant professor in DAVIET (Daltonganj), LNCT (Bhopal) and joined department of ECE BIT Sindri as an Assistant Professor on 4th January, 2018.



Mrs. Kritika Awasthi joined Department of ECE as Assistant Professor on 5th Jan 2018. She received her M. Tech in Digital Systems from MNNIT Allahabad and currently pursuing the Ph.D. degree from IIT (ISM), Dhanbad, India. She teaches Digital Electronics, Digital System Design, Optical Fiber Communication, and Basic Electronics to undergraduate students. Her current research interests include Microwave and Silicon Photonics. Apart from that she is also working as Project Investigator in one of the CRS projects sanctioned by MHRD-NPIU Unit.



TECHNICAL STAFF



MR. VIVEK DEHRI
(LAB INSTRUCTOR)



MD. MOFIZ AHMAD
(LAB INSTRUCTOR)



MR. NARESH PRASAD
(LAB INSTRUCTOR)

"You are not a true success unless you are helping others be successful."



OFFICE STAFF

Here is our office staffs who have been working at their best to help students to accomplish their tasks. They organise/maintain equipments, prepare the lab environment, monitor the progress of students and facilitates participation of the students in different learning activities. They have a pivotal role to play to make this journey of learning a successful one.



MR. SHAMIM AKHTAR ANSARI
(SUPPORTING STAFF)



MR. TUFANI PRASAD
(SUPPORTING STAFF)



MRS. PHOTOMANI MURMU
(SUPPORTING STAFF)



MR. AJIT ORAON
(SUPPORTING STAFF)



FACULTY PUBLICATION

Authors	Title/ Topic of Paper	Name of Journal	Publication Year
Dr. Imteyaz Ahmad	Experiments in Matlab and Scilab : A Comparative Study	IJAREEIE	2019
Dr. Imteyaz Ahmad	IoT based health monitoring system	LNEE, Springer, Singapore	2018
Dr. Imteyaz Ahmad	A Review of ECG Signal Processing	IJRSET	2018
Dr. Imteyaz Ahmad	ECG Signal processing using Adaptive filters	IJAREEIE	2018
Dr. Imteyaz Ahmad	A Review of QRS Detection Algorithms	IJAREEIE	2018
Dr.M.G.Tiary	An UWB Trapezoidal Ring Fractal Mono Pole Antenna with Dual Notch Characteristics	International Journal of RF and Microwave Computer Aided Engineering, Wiley	2019
Dr. Praveen Kr. Sahu	Fast Development of Self Assembled, Highly Oriented Polymer Thin Film and Observation of Dual Sensing Behavior of Thin Film Transistor for Ammonia Vapor	Macromolecular Chemistry and Physics	2019
Mr. Jagveer S. Verma	Review of Folded-cascode and Telescopic Operational Amplifier	Journal of Emerging Technologies and Innovative Research	2017
Mr. Jagveer S. Verma	Design of Folded-Cascode operational Amplifier for High Frequency Application	International journal of scientific progress and research	2017
Mr. Jagveer S. Verma	Design of Folded-Cascode operational Amplifier for High Frequency Application	International journal of scientific progress and research	2017



SEMINAR AND FDP ATTENDED

Faculty Name	Title/ Topic of Event	Organized By	Publication Year
Dr.M.G.Tiary	Workshop on Outcome Base Education (OBE) and Accreditation	BIT Sindri	2018
Dr.M.G.Tiary	Faculty Development Program on DSP & Sensor,	BIT Sindri	2018
Dr. Imteyaz Ahmad	Summer Training Program on Active Learning	IIT Gandhinagar	2018
Dr. Imteyaz Ahmad	Conference on Micro Electronics	BVRIT ,Hyderabad	2017
Dr. Arvind Kumar	Active Learning	IIT Gaandhinagar	2018
Dr. Arvind Kumar	Role of Technical Institutes in Implementation of Community Development Program	NITTR KOLKATA	2017
Dr. Arvind Kumar	HDL for Signals, Image and Video Processing	IIT BHU	2017
Dr. Arvind Kumar	5G Secured Smart City	NIT Patna	2017
Dr. Amar P. Sinha	International conference on Microwave and Photonics (ICMAP)	IIT (ISM)	2018
Dr. Amar P. Sinha	Summer Training Program on Active Learning	IIT Gandhinagar	2018
Dr. Amar P. Sinha	ICT Skills for Teachers	NIT Patna	2017
Dr. Amar P. Sinha	TTW for Student induction	IIT (BHU)	2017



Faculty Name	Title/ Topic of Event	Organized By	Publication Year
Mr. Jagveer S. Verma	Advanced Pedagogy Digital Tool for TEQIP Faculty Members	IIT Kharagpur	2019
Mr. Jagveer S. Verma	Faculty Development Programme	IIT Madras	2018
Ms. Sangeeta Kumari	Workshop on “DSP and Sensors”	B.I.T Sindri	2018
Ms. Sangeeta Kumari	Advanced Industrial Automation using PLC & SCADA	B.I.T Sindri	2018
Ms. Sangeeta Kumari	AI and Machine Learning	B.I.T Sindri	2018
Dr. Santosh K. Verma	Internet of things (IoT)	B.I.T Sindri	2018
Dr. Santosh K. Verma	Recent Advances on Passive and Active Components at High frequencies	IIT BHU	2018
Mrs. Pritika Singh	Faculty Development Programme	IIT Kharagpur	2018
Mrs. Pritika Singh	Workshop on Recent Trends in Photonics Technology	IIT (ISM)	2018
Ms. Kritika Awasthi	WHFSSMA-18	NIT Jamshedpur	2018
Dr. Praveen Kr. Sahu	Summer Training Program on Active Learning for Senior Faculty	IIT Kanpur	2018
Dr. Praveen Kr. Sahu	Materials Characterization for Engineers	IIT BHU	2018

WORKSHOPS & SEMINARS CONDUCTED

Name of Event	Date	Name of Co-Ordinators	Number of Participants
5G-Communication	11th -15th June, 2018	Dr. Arvind Kumar Mr. Jagveer Singh Verma	14
Wireless and Mobile Communication	3rd - 7th Dec., 2018	Dr. Arvind Kumar Dr. S. K. Verma	20
DSP and Sensors	10th - 14th Dec., 2018	Dr. Imteyaz Ahmad Mr. Hanif Ali	23
Antenna Trends	1st -5th July, 2019.	Dr. Arvind Kumar Dr. S. K. Verma	28
VLSI Chip Design Hands on Using open source EDA	8th -12th July, 2019	Dr. A. P. Sinha Mr. Jagveer Singh Verma	24
Natural Language Processing	6th to 10th Jan, 2020	Dr. Imteyaz Ahmad Mr. Bhavesh Kumar	26
ICT Tools for Teaching, Learning process & Institutes	13th to 17th Jan 2020	Dr. Arvind Kumar Dr. Santosh Kumar Verma	40
Internet of Things	14th -18th Oct, 2019	Dr. A. P. Sinha Dr. Santosh Kumar Verma	32
Advanced Industrial Automation using PLC & SCADA	1st -5th Nov, 2018	Dr. Arvind Kumar Dr. Santosh Kumar Verma	30
Understanding MS Excel for Office Automation	18th -22nd Dec, 2018	Dr. Santosh Kumar Verma	45



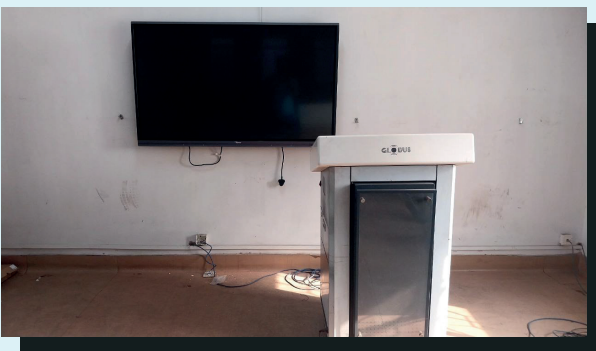
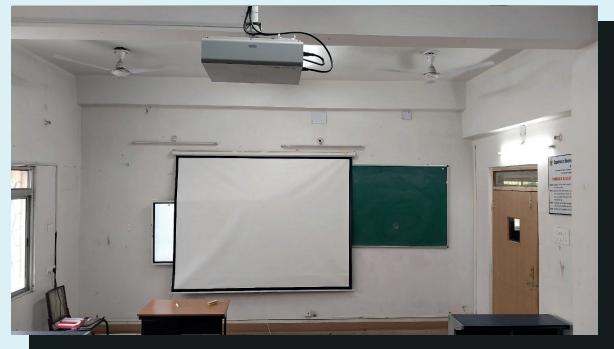
FDP on "Wireless & Mobile Comm."



FDP on "5G Communication"

CLASSROOMS

The least of the work of learning is done in the classroom. As it is rightly said “Every great journey begins in a classroom”, the classrooms of our department have also witnessed a great deal of successful beginnings. From the days when blackboard and long desks were used in a classroom till today when smart and digital learning is on its peak our classrooms have changed themselves with changing time. With the changing technologies our classrooms are now well furnished with standard desks, white board, green boards, projectors, smart boards and LED screens and Digital Podium. These classrooms provide a great environment of learning with almost all the technologies required by a student to understand things better.





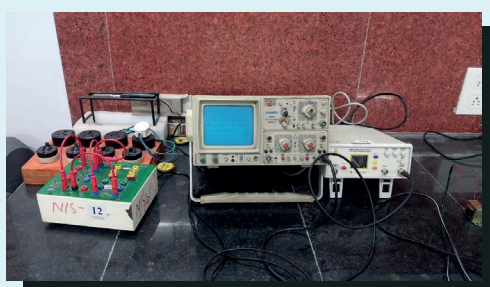
LABORATORIES

“Without laboratories, people of Science are Soldiers without arms.”

Different laboratories under the Electronics and Communication Engineering Department are as follows:

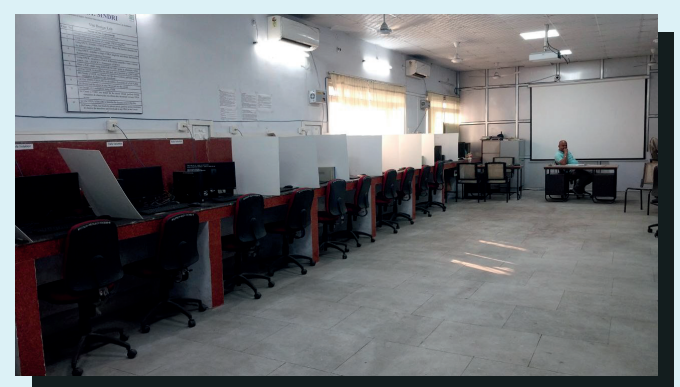
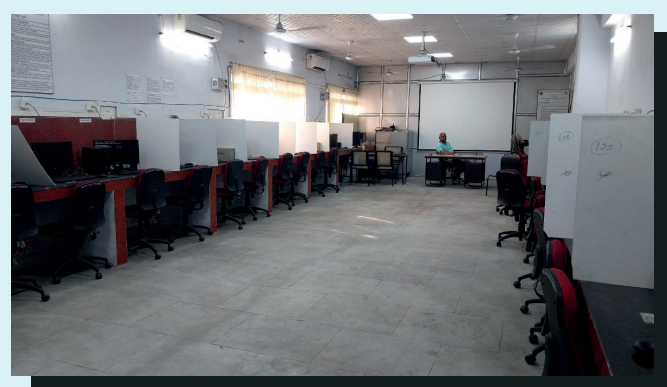
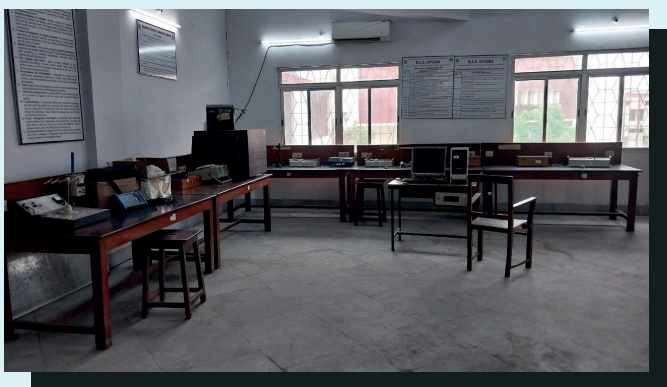
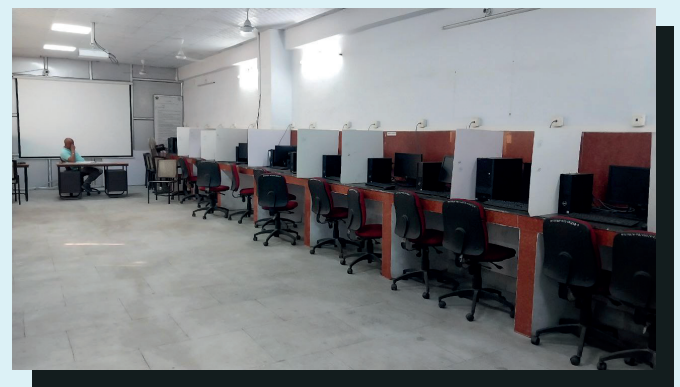
S.N.	NAME OF LABORATORIES
1	Basic Electronics Lab
2	Analog Electronics Lab
3	Analog Communication Lab
4	Digital Electronics Lab
5	Digital Signal Processing Lab
6	Microwave Engineering Lab
7	Microprocessor Lab

S.N.	NAME OF LABORATORIES
8	Optical Fiber Comm. Lab
9	Digital Communication Lab
10	VLSI Lab
11	Antenna Design Lab
12	Simulation Lab
13	IOT Lab
14	CEDT/Project Lab





GLIMPSES OF LABORATORIES





STUDENT'S CONTRIBUTION & ACHIEVEMENTS

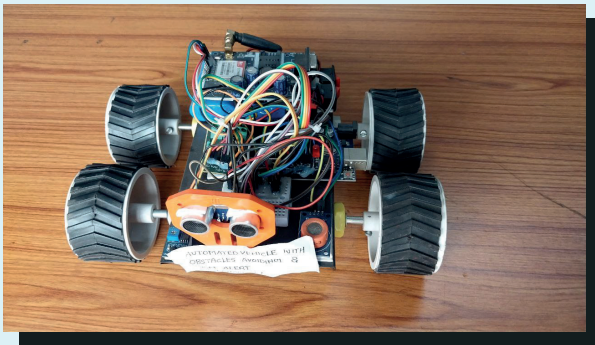
◆ TOP INTERNSHIPS

An internship is the best way to gain work experience as a student. Internships gives students the valuable practical experience needed along with theoretical knowledge.

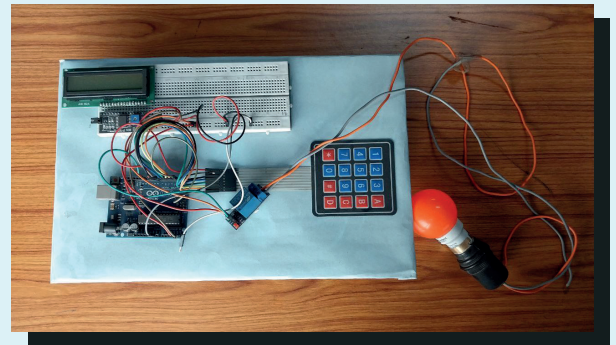
Name of the Student	Roll No	Name of the Company	Duration
Sachin Sinha	1806040	Sports that	8 Weeks
Deepa Oraon	1906014	Skillvertex- IOT	4 Weeks
Divya Sharma	1906015	TATA Prasikshan	8 Weeks
Upendra Prasad Mahto	1906061	Coding Ninjas	25 Weeks
Raja Babu	1906030	Exavalu- digital internship	4 Week
Annu Kumar	1906007	Emertxe Technology	6 Week
Anisha Murmu	1906005	Skill Vertex	8 Weeks
Shubhada Mandavi	1906046	Smollan	4 Week
Raja Babu	1906030	Exavalu	42 Week

◆ BEST PROJECTS

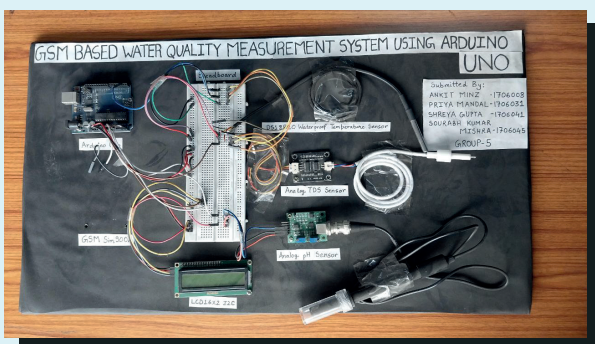
Projects are all about applying the technical knowledge in shaping a real-life project. Developing a project not only enhances team management and communication skill but also improves time management of an individual. It helps to learn professionalism, mannerism, and code of conduct of a company to land in the dream jobs. It is about choosing out project on the mastered skill and giving the best efforts there. Here are some of the best projects by students of ECE department:



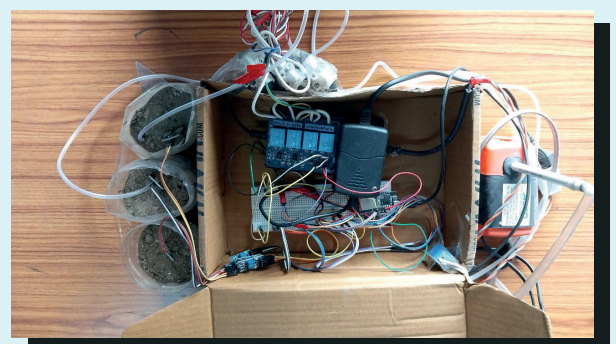
Automated Vehicle with Obstacles Avoiding & GSM Alert



Password Based Circuit Breaker



GSM Based Water Quality Measurement System Using Arduino UNO



IOT Based Smart Irrigation System



◆ GATE SCORE

GATE, Graduate Aptitude Test in Engineering is a national level exam that primarily tests the comprehensive understanding of various undergraduate subjects in engineering. Its score is used to seek admission to Master's and Doctoral programs. Furthermore, many Public Sector Undertakings (PSUs) have been using the GATE score in their recruitment process. Our students of ECE department are also not behind to leave their footprints by scoring great in the GATE Exam.

Name of the Student	Roll No	AIR	SCORE
BATCH- 2K17			
Ankit Minz	1706008	21471	231
Zeenat Firdosh	1706052	4077	445
Sourav Kr. Mishra	1706045	15441	275
Amit Kumar	1806001D	11101	
Roshan Kumar	1706033	6155	
Shreya Gupta	1706041	2082	531
Shubhadeep Dutta	1706042	7666	364
Vikash Kumar	1706049	19256	245
Nidhi	1706028	5334	412
Priya Saluja	1706032	7394	369
Barkha Rani Khalkho	1706016	18537	250
BATCH- 2K18			
Aamir Alam	1806001	9237	340
Abhinav Prakash	1806002	7666	364
Anshu Kumari	1806013	5522	407
Gaurav Kumar	1806018	3418	469
Rina Kumari	1806039	3302	474
Abhishek Ranjan	1806005	2626	364



◆ PLACEMENT RECORDS

SL. NO.	NAME OF THE STUDENT	ROLL NO	COMPANY NAME
BATCH- 2K17			
01	ABHISHEK CHARRABORTY	1706002	TCS
02	ACHANKA KUMARI	1706003	TCS
03	AMISHA KUMARI	1706005	TCS
04	ANAND PAUL	1706006	GIRIKON
05	ANISHA BHAVYA	1706007	TCS
06	ANKIT MINZ	1706008	TCS
07	ANSHUL BANDO	1706009	INNOLABZ VENTURE
08	ANUBHA SINGH	1706010	TCS
09	ANURAG SHRIVASTAVA	1706011	TCS
10	APARNA RAJ	1706012	TCS
11	ASHWIN RAJ	1706013	TCS
12	BARKHA RANI KHALKHO	1706016	TCS
13	CHARU KASHYAP	1706017	TCS
14	GEETANJALI TOPPO	1706018	INNOLABZ VENTURE
15	GOURAV KUMAR	1706019	TCS, DELOITTE
16	JYOTSANA KAJAL	1706021	TCS
17	KAJAL KUMARI	1706022	TCS
18	KHUSHTAR FARAZ	1706023	PLANET SPARK
19	MURARI KUMAR	1706025	TCS
20	NAMRATA KUMARI	1706026	TCS, SCLUMBERGER
21	NIDH	1706028	DELOITTE
22	NITISH KUMAR	1706030	TCS
23	PRIYA MANDAL	1706031	TCS, DELOTTE



SL. NO.	NAME OF THE STUDENT	ROLL NO	COMPANY NAME
24	PRIYA SALUJA	1706032	TCS
25	RITVIK GIRI	1706035	DIVYA TECHNOLOGY
26	SAKSHAM	1706036	TCS
27	SHIVAM BARAN	1706039	Accenture
28	SHIVAM KUMAR	1706040	Wipro
29	SHREYA GUPTA	1706041	Tata Power
30	SHUBHADEEP DUTTA	1706042	Innolabz Venture
31	SHUBHAM RAJ	1706043	TCS
32	VIKASH KUMAR	1706049	TCS
33	VIKRANT KUMAR MAHTO	1706050	Innolabz Venture
34	ZEENAT FIRDOSH QUADRI	1706052	TCS
35	AMIT KUMAR	1806001D	Girikon
36	DIKSHA KUMARI	1806004D	Innolabz Venture
37	KUNDAN KUMARV ADARSH	1806006D	Innolabz Venture
38	NILU KUMARI	1806008D	INNOLABZ VENTURE
39	PRIYA VISHWAKARMA	1806009D	Welspum





CLUBS & SOCIETIES

Students of ECE Dept. are actively involved in following clubs of the Institute.

CULTURAL CLUBS & SOCIETIES

- ◆ **PRAYAAS INDIA** is a Non-Governmental Organization providing free and high-quality education to underprivileged children living in slums and villages near college campus. The whole management of the organization is handled by college students. Presently more than 800 children are getting free education. Apart from two-hours evening classes, meritorious of them are admitted in good private schools for formal education. Prayaas is a charitable organization in the service of underprivileged and poor children.
- ◆ **ARTS CLUB** is one of the oldest Students Cultural Society at BIT Sindri. It has a long rich tradition of Art and Culture. It provides a platform to Bitians to exhibit their hidden talents. Arts Club is quite popular in BIT due to its popular stage shows and cultural programs. It not only helps in preserving our rich art and cultural heritage, but entertains BIT during the hard and busy academic life.
- ◆ **ECO CLUB** ECO Club is an environment-cum- socio-cultural club of BIT Sindri established in the year 1992. This club works towards the upliftment of the environment and poor section of society. ECO Club runs plantation and cleanliness drives in BIT Sindri. We are known for hosting mega annual events like Vidur Utsav, ECO Enthusia, etc. We encourage afforestation by organising events like Van Mahotsav and Smriti Taru. ECO club works to increase awareness of the environment.
- ◆ **GRS** Gandhi Rachnatmak Samiti is a socio cum cultural club functional in Birsa Institute of Technology, Sindri. Its motto is “No call is greater than public service.” GRS facilitates students with different opportunities to develop their communication and social skills by participating in various events and activities. It was established in 1969 and is one of the oldest and most prestigious clubs of BIT Sindri.
- ◆ **LEO CLUB** LEOs are results-oriented individuals with extensive leadership experience in highly competitive environments. We utilize and create opportunities for personal, professional, and institutional growth. Our success depends on a spirit of deep collaboration and a talented community of diverse individuals determined to make the most out of an opportunity to develop leadership skills by gaining hands-on experience from conducting social and cultural events.
- ◆ **LITERARY SOCIETY** Literary Society is the literature-cum-cultural club of the college that serves as a forum for students to communicate their opinions, ideas, and new perspectives. The club intends to help students enhance their speaking and listening abilities and leadership skills that aid in personality development. The Literary Society organizes events regularly to promote awareness about diverse cultures and social concerns and challenges students to extend their limits.



- ◆ **PAINTING WINGS** Painting Wing is one of BIT Sindri's well-known clubs. Each year, we try to create a vibrant and colorful atmosphere on campus through our unique and immersive activities. We make life at BIT Sindri more colorful, fun, and fascinating by organizing events such as street painting, wall painting, Rangoli making, caricature, clay modeling, body painting, oil painting, and so on.
- ◆ **SPORTS CLUB** The Sports Club of BIT Sindri, established in 1960, is a prestigious club. Currently, it is under the guidance of Professor R.K. Verma, the Professor In-charge of the Sports Club. Our main events are SPARDHA and PRATIDWANDA. We also organise Inter-branch tournaments for both girls and boys.

TECHNICAL CLUBS

- ◆ **HnCC** Hackathon and Coding Club is the official coding and development club of BIT Sindri. Being the most prestigious technical club of our institution, we provide a gateway that allows students to gain assistance and mentorship to enhance their coding, design, and creative ability. We have conducted and administered many events with Dinesh Kumar Prabhakar Sir as our Professor-in-charge. We have done it all, from hackathons and monthly happenings like BitCode and Linux drive to informative sessions. HnCC looks forward to organizing more engaging and thrilling events in the future.
- ◆ **IETE** Students' Forum is a techno-management club established in the year 2007. The club aims to empower the youth through technical education and skill development. We conduct many webinars, seminars, and competitions based on web development, competitive programming, and other technical domains. Some significant events conducted by the club are Hacklane, Udyamita, Explicar, Inquiztive, Encipher, Insight, Byte the Bits, and Tech expo. We organize Tech Udbhav, our Annual Techno-Management Fest.
- ◆ **ISTE** Students' Chapter BIT Sindri is a nationally affiliated techno-management society registered with ISTE New Delhi. With the motto of holistic development, ISTE Students' Chapter focuses on the personality development and enhancement of technical and managerial skills of its members to meet the modern competitive era.
- ◆ **MODEL CLUB** is the official techno-management club established by the BIT administration in the early 60s to hone the scientific mindset and exemplify the technical prowess of the institute. The organization is inherently associated with the diffusion of science and technology in would-be technocrats. Concentrated solely on the BIT Sindri campus, Model Club strives to sync the college with the latest technological trends through Tech-Events, Workshops, Seminars, and Talk-shows.

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