BIT SINDRI

ALUMNI ASSOCIATION · BITSAA



BIT SINDRI · ESTABLISHED 1949

E-SOUVENIR

Our Alumni, Our Journey

Alumni Profiles · Then & Now · Messages for BITians

PUBLISHED BY

BIT Sindri Alumni Association (BITSAA)

BIT Sindri Campus, Dhanbad

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Mission Statement

Build a bridge between students, management and alumni — all coming together to inspire and educate in a diverse atmosphere.

MESSAGE FROM THE DIRECTOR



Dr. Pankaj Rai
Director, BIT Sindri

BIT SINDRI · EST. 1949

Dear Alumni, Esteemed Guests and Students,

It gives me immense pleasure to present this Souvenir on the occasion of the Alumni Meet of BIT Sindri, organised by the BIT Sindri Alumni Association (BITSAA).

For decades, this institute has shaped engineers, scientists and leaders who now serve in industry, government, academia and public life across the country and beyond. The achievements of our alumni are the truest measure of an institution, and we take great pride in every one of them. This Souvenir brings together a few of those journeys, from college days to the present, in the alumni's own words.

I am sincerely grateful to the alumni who have taken the time to share their experiences. Their stories will be a source of guidance and motivation for the present students of BIT Sindri. An institute grows stronger when its alumni, faculty and students stand together, and I earnestly hope that this Alumni Meet will further strengthen that bond.

On behalf of the Institute, I extend a warm welcome to all our alumni. I invite you to visit your campus, interact with our students and continue to guide us with your valuable suggestions. I also congratulate the office-bearers of BITSAA and everyone who has worked to bring out this Souvenir.

With warm regards,

Dr. Pankaj Rai
Director, BIT Sindri
Professor, Department of Electrical Engineering

OUR DIRECTOR

Dr. Pankaj Rai

Director, BIT Sindri
Professor, Department of Electrical Engineering



At a glance

Education: Ph.D. (Control System / Power System) and M.Sc. (Engg.) in Control System, BIT Sindri / VBU Hazaribag · B.Sc. (Engg.) in Electrical Engineering, MIT Muzaffarpur / Bihar University Muzaffarpur.

Specialisation: Control System / Soft Computing.

Subjects taught: Control System, Network Theory, Soft Computing Techniques, Basic Electrical Engineering, Advanced Control System.

Professional body: Life Member, ISTE.

HIS DELEGATION AT BIT SINDRI

Administrative positions held

1. Director, BIT Sindri
2. Dean, Student Welfare
3. General Warden
4. Hostel Superintendent
5. Professor-in-Charge, Central Library
6. Head, Department of Electrical Engineering
7. Member of various committees of AICTE, universities and the Government

Academic career at BIT Sindri

2009 – Present
Professor

2006 – 2009
Associate Professor

1993 – 2006
Assistant Professor

ACADEMIC CONTRIBUTION

4	30	50+	15	3	20
Ph.D. scholars guided	M.Tech scholars guided	Journal publications	Conference papers	Seminars and workshops organised	Symposia and workshops attended

MESSAGE FROM THE PRESIDENT



Shri Shashank Shekhar Garuryar
President, BITSAA

BIT SINDRI · EST. 1949

Namaskar! A Message to Fellow BITSIans

It is my privilege and pride to have been serving our alma mater and fellow alumni community since 1996. BIT Sindri and BITSAA have always been close to my heart, and my commitment to their growth remains unwavering.

I am sincerely thankful to everyone who gave me this opportunity to be part of this celebration — a wonderful occasion to reconnect, exchange ideas and renew our commitment to our beloved alma mater.

The strength of an institution lies in the fellowship and active participation of its alumni. I urge every BITSIan to contribute towards the development of our campus, help restore its glorious legacy and support fellow alumni. The energy and creativity of younger alumni, combined with the experience of senior members, can drive meaningful transformation.

As we step into the 78th year of BIT Sindri, we must look ahead with renewed vision and ambition. Along with strengthening our legacy, we must embrace emerging fields such as Artificial Intelligence, Data Science and Cyber Defence, while also reconnecting strongly with India's manufacturing and industrial ecosystem. BIT Sindri has historically been rooted in engineering and industry, and we must leverage our alumni network, industry partnerships and academic strengths to contribute to India's technological and manufacturing growth.

Let this milestone be more than a celebration of nostalgia. Let it be a commitment to renewal, innovation and collective action for our alma mater, BITSAA, fellow BITSIans and the nation.

My heartfelt wishes for the grand success of the celebrations and reunion. Thank you for giving me this opportunity to share my thoughts.

With warm regards,

Shashank Shekhar Garuryar
President
BIT Sindri Alumni Association (BITSAA)

MESSAGE FROM THE SECRETARY



Mrs. Sweta Kumari
Secretary, BITSAA

BIT SINDRI · EST. 1949

Warm Greetings to All Alumni, Faculty, and Well-Wishers!

It gives me immense pride and joy to reach out to you through the pages of this special souvenir. As the Secretary of the BIT Sindri Alumni Association, I feel truly privileged to witness the ever-growing bond that connects us back to our beloved Alma Mater.

These Alumni Meets are more than just an event, they are a collection of memories; it is a celebration of our shared heritage, our journeys, and the values that were instilled in us during our formative years on campus. Looking back, the Classrooms, Laboratories, Hostels, and Canteens hold some of the most cherished chapters of our lives—moments of learning, friendship, laughter, and growth.

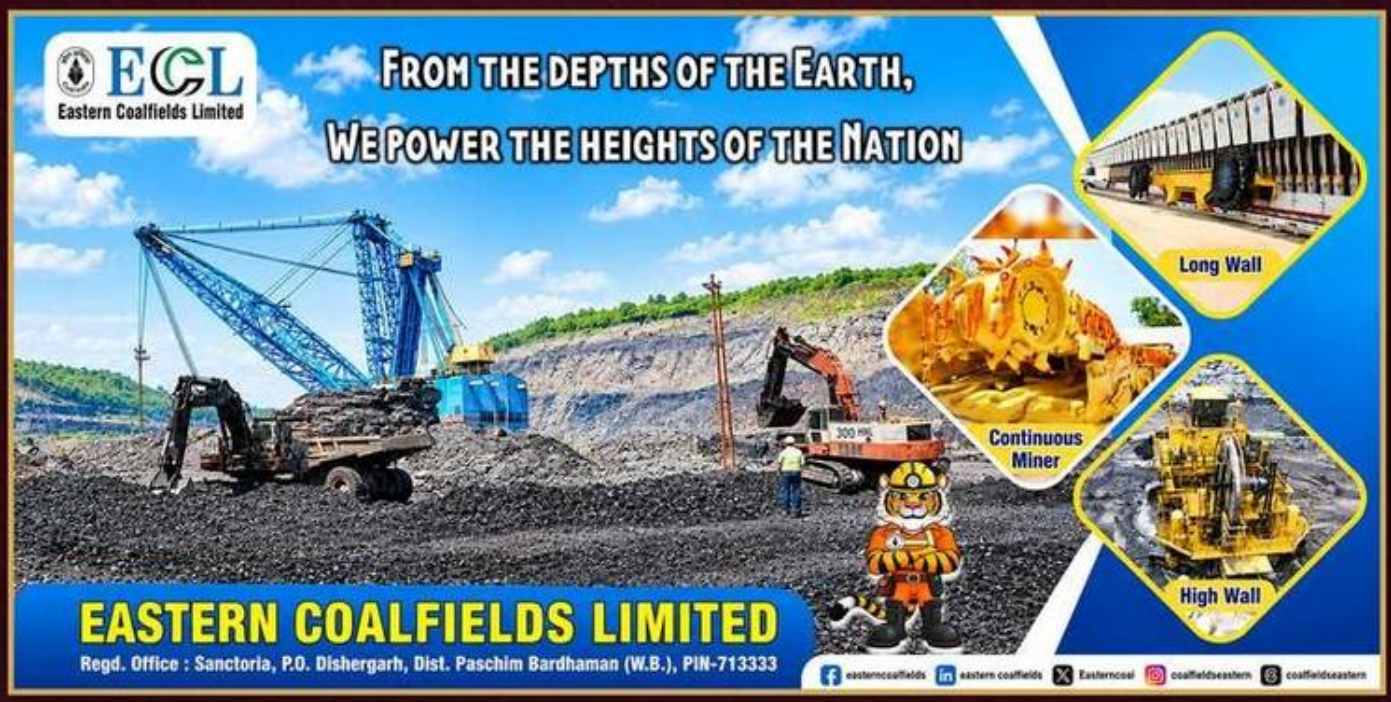
Our alumni are the true ambassadors of BIT Sindri. Across the globe, your accomplishments in diverse fields bring honour to our institution and inspire the generations of students following in your footsteps. The strength of an alumni network lies in active participation and staying connected. I urge each one of you to remain engaged, share your experiences, mentor our current students, and help us build an even stronger bridge between the past and the future.

I extend my heartfelt gratitude to our Director cum Patron BITSAA, the entire Executive Committee, and everyone who works tirelessly behind the scenes to bring such Alumni Meets to fruition.

Let us continue to cherish our roots, celebrate our milestones, and walk forward together with pride and unity. Let us unite globally for the betterment of our very own BIT Sindri.

With warm regards and best wishes,

Sweta Kumari
Secretary
BIT Sindri Alumni Association (BITSAA)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MESSAGE FROM DIRECTOR (TECHNICAL) OPERATIONS, ECL



Chitranjan Kumar
Director (Technical) Operations
Eastern Coalfields Limited

BIT SINDRI · EST. 1949

Dear Esteemed Alumni and Beloved Friends,

It gives me immense pleasure to address all of you, who share the cherished bond of having been students of our beloved institution BIT Sindri.

BIT, Sindri is not merely a place where we receive education; it is where we shape our dreams, build friendships, develop our values, and create memories that remain with us throughout our lives. Though many years may have passed since we walked through the familiar corridors of BIT, the memories of those days continue to hold a special place in our hearts.

As alumni, we are fortunate to belong to a common family bound together by shared experiences, friendships, teachers, traditions, and a deep sense of belonging. Each of us has travelled a different path since leaving BIT, achieving success in our respective fields and contributing to society in our own ways. Yet, the bond that connects us remains unchanged.

Our alumni association provides us with a wonderful opportunity to reconnect, renew old friendships, share our experiences, and, most importantly, contribute towards the growth and development of our alma mater. It is our collective responsibility to give back to the institution that played such an important role in shaping who we are today.

I sincerely hope that we will continue to strengthen this bond, remain connected with one another, and work together for the betterment of our BIT and the generations of students who will follow us.

Let us cherish our memories, celebrate our achievements, support one another, and continue to carry the values of our alma mater with pride.

Once a student of BIT Sindri, always a proud member of its family.

With warm regards and best wishes to all my fellow alumni.

Yours sincerely,

Chitranjan Kumar
Director (Technical) Operations
Eastern Coalfields Limited

MESSAGE FROM DIRECTOR (FINANCE), ECL



Md. Anzar Alam
Director (Finance)
Eastern Coalfields Limited

BIT SINDRI · EST. 1949

Dear Esteemed Alumni and Dear Friends,

It is a matter of great joy and privilege to connect with all of you—friends who share not merely a common institution BIT Sindri, but a common chapter of life that can never truly be forgotten.

Whenever we look back, our BIT days seem to belong to a different world—a world filled with youthful dreams, innocent friendships, laughter, challenges, aspirations and countless memories. The classrooms, corridors, playgrounds, libraries and familiar faces of our teachers and friends remain deeply etched in our hearts, even though the years have taken us far from those days.

Life has taken each one of us along different paths. We have built our careers, families and lives, and experienced our share of successes and challenges. Yet, whenever we meet an old classmate or hear the name of our alma mater, those years suddenly come alive again. For a brief moment, we are transported back to the days when our biggest concerns were examinations, assignments, friendships and dreams of the future.

Our alma mater gave us much more than academic knowledge. It gave us values, confidence, discipline, friendships and the foundation upon which we built our lives. Whatever we have achieved thereafter carries, in some measure, the imprint of those formative years.

The alumni community is therefore much more than a gathering of former students. It is a continuing family—a bond that grows stronger with time. It gives us an opportunity to reconnect with old friends, share our experiences, support one another and contribute meaningfully to the BIT, that shaped us.

Let us preserve this beautiful bond and ensure that our association remains a source of friendship, inspiration and collective contribution. Let us also strive to give something back to our alma mater so that the generations who follow may receive the same opportunities, values and memories that enriched our own lives.

Years may pass, distances may grow, and life may take us in different directions—but the memories of our BIT days and the bond with our alma mater remain timeless.

Let us meet again, remember the old days, create new memories and celebrate the wonderful journey that brought us together.

With warmest regards, affection and best wishes to all my fellow alumni.

With fond memories and warm regards,

Md. Anzar Alam
Director (Finance)
Eastern Coalfields Limited

MESSAGE FROM THE COORDINATOR



Dr. Rizwan Hasim
Workshop Coordinator

BIT SINDRI · EST. 1949

It gives me great pleasure to welcome all delegates, resource persons, industry professionals, faculty members, alumni, and students to the Workshop on AI based Modelling in Mining and Allied Industry, to be held on 21st and 22nd November 2026, organised by the BIT Sindri Alumni Association.

Mining has always been the backbone of industrial development. Today the sector is being reshaped by data. Modern operations generate vast volumes of information from exploration drilling, fleet management systems, slope monitoring, ventilation surveys, mineral processing circuits, and environmental monitoring. Artificial Intelligence and machine learning offer practical tools to turn this data into reliable decisions, whether in grade estimation, blast fragmentation prediction, equipment maintenance, ground stability assessment, or production planning. Used with sound engineering judgement, these tools can improve productivity and safety while reducing operational uncertainty and environmental impact.

The aim of this workshop is to bridge the gap between established mining practice and emerging computational techniques. The programme brings together academic researchers and industry practitioners to share experience, demonstrate applications, and discuss the challenges of implementing AI-based models in real field conditions. We hope participants will leave with a clear understanding of the methodology, its limitations, and its potential for their own work.

BIT Sindri has a long tradition of producing capable mining engineers who now serve the nation across coal, metal, and allied industries. It is especially heartening to see our alumni come forward to organise this event and give back to the institute. Their involvement keeps our academic programme connected to the realities of industry and gives our students valuable exposure and mentorship.

I sincerely thank the BIT Sindri Alumni Association, the Director and administration of the institute, my colleagues in the Department of Mining Engineering, the speakers, the sponsors, and the organising team for their support and tireless effort. I am also grateful to every participant for their interest and enthusiasm.

I wish the workshop great success and hope it sparks lasting collaboration and innovation in the mining community.

Glück Auf!

Dr. Rizwan Hasim
Assistant Professor, Department of Mining Engineering
Coordinator, Workshop on AI based Modelling in Mining and Allied Industry
BIT Sindri



Dr. Anil Singh

(Metallurgy, 1960–1964)

President Emeritus, BIT Sindri Alumni Association of North America

MS and PhD, England

Born: Bariarpur (Munger, Bihar) · **Schooling:** St. Xavier's College, Ranchi (I.Sc.) · **Lives in:** Los Angeles, USA

MY BIT SINDRI JOURNEY

Born in Bariarpur (Munger, Bihar), had my early education in local schools. The village boy, then, took a big leap, and went to St. Xavier's College Ranchi for I.Sc. Then joined BIT Sindri in 1960, graduating in metallurgy in 1964.

In addition to receiving excellent education, I have lots of fond memories of time spent at BIT. I fell seriously ill in the second year, and missed couple of months' classes. My attendance in all classes fell short. All professors except one either made "adjustments" or gave me make up classes. I approached Dr. T Prasad, registrar, known as students' friend. He asked me to accompany him to Ranchi to make my case to the VC of Ranchi University. The VC granted me the waiver, allowing me to take the examination. But for Dr. T's intervention, I would have lost one year. Ever so grateful!

Best part of the campus experiences was to take an evening walk to Shaharpura. This was just to get the glimpse of some girls living in the fertilizers colony. Occasionally we would see some. We, then, considered us lucky, and knew that we would survive the dreaded drawing and applied mechanics classes.

Walk to Damodar River was another outlet. Who would forget the sardine type packing of 14/15 passengers in Ambassador taxis while coming from Dhanbad station to BIT.

First job after graduation in 1964 was with Hindustan Motors. I went to England for MS and PhD. On return in 1971, I worked for TISCO R&D. Went to USA in 1973. I have mostly worked in petroleum industry.

Actively participated in API activities. Written and presented several technical papers at various international conferences and technical journals.

I am the President Emeritus of BIT Sindri Alumni Association of North America. Have visited BIT several times, and I am actively involved making it a top tier institution in India. Presently I live with my wife of 61 years in Los Angeles. We are blessed with three children, seven grandchildren and one great grandchild.

Long Live BIT Sindri.

— Dr. Anil Singh





Shri Mahesh Prasad Choudhary

Mechanical Engineering · 1960 entry

Former Deputy General Manager, Indian Oil Corporation

BIT Sindri alumnus · Settled in Noida

MAHESH PRASAD CHOUDHARY

Born in a remote village near Mandar Hill in Banka district—an area associated with the legendary churning of the ocean (Samudra Manthan)—Mr. Mahesh Prasad Choudhary came to BIT Sindri with his father. There, they met Dr. J. P. Choudhary, then Head of the Mechanical Engineering Department, whose advice led to his admission to Mechanical Engineering in 1960.

When he returned to collect his degree certificate, he joined BIT Sindri as a lecturer. He resigned on 17 January and, on 19 January 1965, joined Barauni Oil Refinery, a unit of Indian Oil Corporation.

His career with Indian Oil took him to Barauni, Gauhati, Haldia and Mathura Refineries. In 2001, he was transferred to the Head Office. He superannuated in December 2002 as Deputy General Manager.

Now settled in Noida, he has expressed his willingness to help BIT Sindri alumni in the NCR region to the extent possible.

Contact: 9968203570

> *From a village near Mandar Hill to a long career with Indian Oil Corporation, his journey began at BIT Sindri.*



Shri Krishna Chander Gupta

(Mechanical Engineer, BIT Sindri)

Retired Director, Stores & Procurement Department, Government of Jammu & Kashmir

J&K Government Service · 1964 – 2002

Beyond service: Member, Institute of Valuers · Wrote on the basics of Vedic arithmetic, compiled into a book by his sons, Arijeet and Dheer Lalit, and his granddaughter.

1964	3	2002
Joined the J&K Government as Assistant Engineer (Mechanical)	Major hydroelectric projects: Beas, Lower Jhelum and Salal	Retired as Director, Stores & Procurement Department

MY SERVICE JOURNEY AFTER BIT SINDRI

After graduating from B.I.T. Sindri, I joined the Jammu & Kashmir Government service in August 1964 as an Assistant Engineer (Mechanical) following my selection by the Public Service Commission. Over a service span of nearly four decades, I held various roles before retiring in July 2002 as Director of the Stores & Procurement Department.

During my tenure, I had the opportunity to work on major hydroelectric power projects, namely the Beas, Lower Jhelum, and Salal Hydro Electric Projects. My contributions on these projects were appreciated by the Executive Director of NHPC, who remarked on my working as "outstanding, innovative, and speedy". Later, while working with the Public Health Engineering (PHE) Department, a refresher course for different states was organized at the request of UNICEF's Project Officer to demonstrate the various aspects of SM-22R cable tool drilling. Sh. V.V. Rezonov, Project Manager of UNICEF, also participated in the program. In addition, I remained associated with the Chief Electoral Officer (J&K), where I successfully carried out the modification and repair of defunct ballot boxes.

Alongside my government service, I also remained a member of the Institute of Valuers. Furthermore, I worked on the basics of Vedic arithmetic and wrote on elementary calculations. This work was later compiled into the form of a book by my sons, Arijeet and Dheer Lalit, and my granddaughter.

> ***"Outstanding, innovative, and speedy"***
>
> — the Executive Director of NHPC, on his work on the Beas, Lower Jhelum and Salal Hydro Electric Projects

Shri Prem P. Sahay

Retired, US Nuclear Regulatory Commission



Then · BIT Sindri days



Now · BIT Sindri Platinum Jubilee

BATCH

1968 – 1974

BRANCH

Electrical Engineering

CAREER

Nuclear power generating plants, then the US Nuclear Regulatory Commission



A class photo from BIT Sindri days



With friends

MY PERSONAL JOURNEY FROM BIT SINDRI

After my high school, BIT Sindri provided me a solid foundation of my electrical engineering education and background to apply them to the real world for the benefit of the society. After BIT Sindri, I continued to advance my knowledge and training by taking internship training and Master's degree in USA. These advanced trainings and years of experiences provided me an opportunity to work at the nuclear power generating plants and then at The US Nuclear Regulatory Commission USA (Regulatory Authority) to support the safe operation of the plant and to the commitment to provide reliable and affordable electrical power supply to the industries, hospitals and homes for the benefit of the people and society.

Message to the current students

Continue to build your foundation of education and internships with help of the learned professors and industry trainings that experience will lead your career to the right path. Thank you.



Then · 1975



Now · 2026

Er. Shivanand Roy

Past President, The Institution of Engineers (India)

Engineer-in-Chief (Retd.), WRD, Govt. of Jharkhand

Ex-President, Jharkhand Engineering Services Association · Member, Bureau of Indian Standards, CED 46

Phone: +91 77398 52737 · **Email:** shivanandroy@gmail.com

संघर्ष से शिखर तक : मेरी अभियांत्रिकी यात्रा

मेरे प्रिय अभियंता साथियों, जोहार!

BIT Sindri से Civil Engineering की डिग्री प्राप्त करने के बाद जनवरी 1979 में मैंने सहायक अभियंता के रूप में अपनी सेवा प्रारंभ कर सितंबर 2016 में अभियंता प्रमुख, जल संसाधन विभाग झारखंड के पद से सेवानिवृत्त हुआ;-

शुरुआती Take off :-

मार्च 1979 में हुई BESA रामनगर जोन की Monthly meeting नरकटियागंज के SE साहेब की अध्यक्षता में हुई । दो SE, 3-4 EE तथा 20-25 AE (जिनमें आधे से अधिक नवनियुक्त थे) शामिल हुए । बड़ा ही खुशनुमा माहौल था और हम सभी को सीनियर्स में अभिभावक की झलक दिखाई दे रही थी।

मीटिंग में अध्यक्ष महोदय ने निरीक्षण वाहनों की कमी पर चर्चा के क्रम में कह दिया कि बच्चा लोग को साइट जाने के लिए मोटर साइकिल देने के लिए सरकार को लिखना चाहिए।

मैंने सहमते हुए कुछ बोलना चाहा तो साहब ने मुझे कहा तुम समझता नहीं तुमको मोटर साइकिल के साथ साथ 40 रुपया मत्ता भी मिलेगा जो ओवरसीयर लोग को मिलता है- चुप चाप बैठो।

मेरा BITIAN जाग गया नियंत्रण खोकर चिल्ला कर नवनियुक्त साथियों से बोला चलो सब हम लोग ओवरसीयर बनने के लिए इस मीटिंग में आए हैं ?

यकीन मानिए .माननीय अध्यक्ष महोदय ने सही अभिभावक के रूप में मुझे बडे प्यार से बैठाया, अपनी बात वापस ली और तत्काल प्रभाव से मुझे BESA रामनगर जोन का सचिव चुन लिया गया I

उसके बाद अभियंता प्रमुख बनने के लिए सर्वोच्च न्यायालय से कानूनी लड़ाई जीतने के बाद व्यवस्था को आईना दिखाते हुए झारखंड जल संसाधन विभाग के अभियंता प्रमुख का दायित्व प्राप्त जिसका विवरण Alumni meet में वितरित पुस्तक में देख सकेंगे I

दूसरा take off:- राष्ट्रीय नेतृत्व:

सितंबर 2016 में राज्य स्तर पर वरिष्ठ अभियंता प्रमुख, झारखंड अभियंत्रण सेवा संघ का प्रेसिडेंट और IEI, झारखंड स्टेट सेंटर का चेयरमैन भी था और पूर्ण सन्तुष्टि के साथ तीनों दायित्वों से निवृत हुआ परंतु 2014 दिसम्बर में National Council में मुझ BITIAN की ठीक 1979 वाली हरकत से बनी पहचान ने देश के सभी discipline के Engineers का नेतृत्व करने का मौका दिया;-

Initial Takeoff in IEI Council:-

"Day after my 1st induction into IEI Council in Hyderabad Engineering Congress in December 2014, being Chairman of Jharkhand state centre, Dr Murli Krishna Reddy, Hon'ble President, was also presiding the Council for 1st time. The President placed before the Council that "since one temporary staff at Karnataka state centre has served for 15+ years his services are regularised as permanent IEI Hqrs staff" – the hall clapped but one hand was up.

President: "Yes Mr Roy?"

My submission:

Mr President, I highly appreciate your kind gesture for a 15+ years working staff of Karnataka state centre but I want to remind you that now you are President of The Institution of Engineers India, as such I request the Council to adopt the same for all temporary staff working efficiently for more than 15 years in all Centres across India be regularised henceforth."

Friends, Dr Murli got his person regularised with assurance to the Council that the rest will also be considered and placed in the next Council meeting. Ironically this item was deliberately missing in the next meeting Agenda. I was forced to take it seriously and got services of several such eligible temporary staff across all 124 (state+Local) centres in India after more than 2 years vigorous struggle with our Powerful leaders.

दोस्तों मेरे इसी तेवर ने मुझे देश भर के गुट विहीन Engineers का प्रिय बना दिया I

दोस्तों, वर्ष 2016 में मैंने अभियंता दिवस पर वादा किया था जो भी अभियंता मुझे याद करेंगे मैं उनकी जिज्ञासा पर सलाह या तो स्वयं या राज्य अथवा देश के विषय विशेषज्ञ से liaison कराके दिलाने का प्रयास करूँगा और मेरी Fees होगी — **"A Cup of Tea from either side."**

मैं BITSAA की सचिव ई० श्वेता जी से अनुरोध करूंगा कि Bharat Ratna Sir Visvesvaraya की स्वलिखित पुस्तक की प्रतियां सभी participants को distribute करवा दें, कृपया ध्यान देंगे इस किताब को छपवाने में सहयोग करने वाले सभी 35 (परिचय पुस्तक में है) Engineers भी एक कप चाय पर ही उपलब्ध रहते हैं I



Shri Brajesh Kumar

1976 Batch · Mechanical Engineering

Ex-General Manager (Systems), Coal India Limited

A walk down memory lane

GOLDEN DAYS AT BIT SINDRI: A WALK DOWN MEMORY LANE

When I first took admission into BIT Sindri, the initial months were unsettling because of frequent *sine die* closures of the Institute. Once the storm settled and regular classes resumed, the campus transformed into a serene, vibrant and deeply peaceful haven.

I still cherish the sweet memories of my homely stay there for over four and a half years. Even after all this time, the thought of piping-hot tea, crispy samosas and fresh jalebis from Goshala, 12 No. Gate, Check Post, Rorabandh and Saharpura still makes my mouth water. Those everyday moments with friends around the campus remain etched in my heart forever.

I will never forget the parental care, guidance and wisdom of our learned professors, to whom I offer my deepest salute. I also deeply appreciate the relentless efforts of the Directors and faculty who made BIT Sindri feel like a true family.

> *"Those small, everyday moments with friends around campus remain etched in my heart forever."*



Shri Surendra Prasad

1976 Entry Batch · Electrical Engineering

Former Chief General Manager, POWERGRID

Transmission-system construction & maintenance

MY JOURNEY FROM BIT TO INDIA'S POWERGRID

I still vividly remember entering the BIT campus in 1976 with my steel trunk and settling into a five-seater room in Hostel No. 10. The very next week, my friends and I became apprehensive about ragging by seniors. To avoid it, I would go outside the campus to nearby markets in the evenings. During those outings, I watched many parallel art films of that era at Mini Mahavir Theatre, Digwadih.

Fortunately, I was never ragged. I became an outdoor person, a quality that later helped me in my outdoor career in transmission-system construction and maintenance at POWERGRID, where I rose to the position of Chief General Manager.

Our batch was fortunate to have late Prof. R. S. Jha, who explained power systems in such a way that the lessons remain etched in our minds to this day. The sessions and instructions of late Prof. B. B. Saha were always a delight for students.

As students, we did not realise the importance of the Humanities and Management subjects taught at the Institute. When we rose through the hierarchy in our professional careers, we understood how important these subjects were.

I thank the whole Institute and its superb faculty for raising me to this level in life.

> *"I thank the whole Institute and its superb faculties for raising me to this level in life."*



Then · BIT Sindri

MY LIFE IN MY WORDS

Shri Arvind Kumarr

Electrical Engineering
1976 Entry Batch

Leo Club · Planning Forum · Model Club · Photography Club



Now

MY JOURNEY THROUGH BIT SINDRI

I took admission at BIT Sindri in 1976 and spent more than five years of my life on campus. There are many exciting memories that cannot be described in a few words, but I will definitely try to outline the steps of my journey with the help of a few precious pictures.

I am thankful to all the respected Professors, Teachers, technical and non-technical staff, my lovable friends and especially my seniors and juniors, who are definitely responsible for shaping my career and my life.

BIT Sindri gave me the freedom to shape my life from a teenager into a mature man. The Leo Club of Sindri, Planning Forum, Model Club and Photography Club also shaped me.

The people of Sindri were also very supportive and interested in the social and cultural activities in those days.

Thanks to the BIT Sindri Alumni Association for giving me the opportunity to express my feelings.



Friends beside the Institute emblem



Leo Club days



Friends on campus



With a professor in the lab



Moments with friends



Club and cultural events

"BIT Sindri gave me the freedom to shape my life from a teenager into a mature man."



Then · A class photo from BIT Sindri days

Shri Satendra Narayan Singh

B.E. (Electrical Engineering) · BIT Sindri · Batch 1982–1987

Retired, Rajasthan State Electricity Board (RSEB)

RSEB Service · 1989 – 2022

PROFESSIONAL SUMMARY

After graduating in Electrical Engineering from BIT Sindri (Batch 1982-1987), I joined the Rajasthan State Electricity Board (RSEB) in 1989. I served in the organisation until my retirement in 2022.

During my career spanning over three decades, I had the opportunity to work at various power generation stations across Rajasthan, gaining extensive experience in thermal and hydro power plant operations, maintenance support, materials management and power station administration.

I have worked at several major power generation facilities in Rajasthan, including:

Jawahar Sagar Power Station
3 × 33 MW Hydro Power Plant

Suratgarh Thermal Power Station
6 × 250 MW units

Chhabra Thermal Power Station
4 × 250 MW units and 2 × 660 MW Supercritical units

KEY ACHIEVEMENTS AND RECOGNITION

During my service, I received recognition and rewards in different years from the Central Electricity Authority (CEA), New Delhi, for power station performance based on Plant Load Factor (PLF).

I was also involved in monitoring and managing plant operations, with a focus on heat rate, generation efficiency and operational requirements. Power generation and unit operations were managed in accordance with requirements communicated by the Load Dispatch Centre. This involved ensuring generation as per demand, implementing load backing down when required, and maintaining normal operation of generating units to meet grid requirements.

EXPERIENCE IN HANDLING MAJOR OPERATIONAL CHALLENGES

1. Collapse of Bunker – KSTPS, Kota

Collapse of a bunker in 1 unit of the 195 MW Unit No. 6 of Kota Super Thermal Power Station. The incident occurred due to mechanical failure of welding joints during the trial-run operation of the unit in 2000.

2. Collapse of Fly Ash Hopper – Chhabra Thermal Power Station

Collapse of a fly ash hopper in one of the 250 MW units at Chhabra Thermal Power Station. The incident was attributed to welding-joint failure, potentially associated with overloading or choking of ash. Remedial measures were undertaken to prevent recurrence of similar incidents in the future.

These experiences provided valuable exposure to operational troubleshooting, incident management and corrective measures in large-scale power generation facilities.

Personal Background and Current Interests: I currently reside in Kota, Rajasthan, and frequently travel to Bengaluru to stay with my son, depending on family requirements. My son is employed with DHL (Logistics) in Bengaluru. I continue to pursue my interests in reading and spiritual learning. I am currently attending online Bhagavad Gita classes.



Then · BIT Sindri

MY LIFE IN MY WORDS

Shri Arvind Kumar

Engineer-in-Chief
Government of Bihar

BIT Sindri · SAIL · Bihar Government



Now

AFTER COLLEGE: THE ROAD I CHOSE!

When I left BIT Sindri with an engineering degree in my hands, I believed that my professional life would follow a simple path: find a good job, work hard, build a career, and take care of my family.

Life, however, had a different plan for me.

My first step after college was into the steel industry. I joined the Steel Authority of India Limited (SAIL) as a civil engineer. For a young engineer from a small village in Bihar, it was a proud moment. The world of steel, large projects, engineering drawings and responsibility opened before me. I was learning not only engineering but also discipline, teamwork and the value of taking responsibility for every decision.

But my father had always been an important influence in my life. He was himself a civil engineer and a man of simplicity, honesty and strong principles. He believed that my knowledge and energy should be used for the people of Bihar.

His advice eventually changed the direction of my life.

I left SAIL and joined the Bihar Government as an Assistant Engineer.

It was not simply a change of job. It was a change of purpose.

In government service, I discovered that engineering was not merely about buildings, roads and drawings. It was about people. A drainage channel could mean relief for a flooded neighbourhood. A water-supply project could change the daily life of an entire village. Better sanitation could protect thousands of families from disease.

Gradually, my work became closely connected with water engineering, urban flooding, drainage and sanitation. I began to understand the complicated relationship between engineering, administration and society.

There were difficult days. Government work demanded patience. Files moved slowly, resources were limited and every decision carried responsibility. But I learned to keep moving forward.

Years passed.

The young engineer who had once stood at the beginning of his career slowly became a senior officer. With every assignment came greater responsibility. I learned that leadership was not about authority alone. It was about listening, making difficult decisions, standing by what was right and accepting responsibility when things went wrong.

My journey eventually took me to the position of Engineer-in-Chief in the Bihar Government.

When I looked back, the distance seemed extraordinary.

From a small village in Jehanabad district to BIT Sindri.
From BIT Sindri to SAIL.
From SAIL to the Bihar Government.
From an Assistant Engineer to the highest levels of engineering administration.

Yet, somewhere inside, I remained the same village boy who had once dreamed of making something meaningful out of his life.

In my life I was also very much influenced by a young IAS officer who effectively turned my life into "Life for real purpose". He taught me to think about yourself first, with top priority to your body and health, achieving highest level of skills you master and be useful for society. It was his greatness towards me for his selfless advice.

My greatest achievement was never a designation. It was the opportunity to use engineering in the service of people. And perhaps that is what my father had wanted for me all along.

Years later, I understood something that I had not fully understood when I was young: a career gives us a position, but service gives our life a purpose.

My journey after college was not the journey I had originally imagined. It was better.

> ***"It became a journey of responsibility, service, perseverance and, above all, learning how to turn knowledge into something useful for others."***

श्री फणी भूषण प्रसाद

BIT सिंदरी · सिविल 2K3 बैच

वर्तमान में: BHEL, Talcher (odisha) में कार्यरत।

रोल नंबर: 030548

BIT सिंदरी के विद्यार्थियों का सामाजिक उत्तरदायित्व में योगदान

वर्ष 2006 में BIT सिंदरी में हम सभी तृतीय वर्ष की अंतिम परीक्षाओं की तैयारी में व्यस्त थे। इसी दौरान हॉस्टल नंबर 19 (B Zone) में रहने वाले हम सभी सिविल 2K3 बैच के विद्यार्थियों को एक अत्यंत दुःखद समाचार मिला। समाचार यह था कि हमारे मेस इंचार्ज जिमी (Jimmy) का अचानक निधन हो गया है। यह खबर सुनकर हम सभी स्तब्ध रह गए।

इसके बाद हम सभी ने मिलकर निर्णय लिया कि जिमी के परिवार की आर्थिक सहायता के लिए सामूहिक रूप से धनराशि एकत्रित की जाए। इसी उद्देश्य से हम हॉस्टल-दर-हॉस्टल गए और सभी विद्यार्थियों से स्वेच्छा से सहयोग राशि एकत्र की। इस प्रयास में कुल लगभग ₹54,000 की राशि जमा हुई।

इसके बाद हम सभी ने विचार किया कि इस राशि को जिमी के गाँव अथवा उनके घर तक पहुँचाया जाए। उनके गाँव का दो-तीन बार दौरा करने और उनके परिवार की आर्थिक एवं पारिवारिक स्थिति की जानकारी लेने के बाद हमने निर्णय लिया कि उनके तीनों बेटियों के नाम से बैंक में फिक्स्ड डिपॉजिट (FD) कराई जाए, ताकि भविष्य में उनकी बेटियों को इसका लाभ मिल सके।

सिविल 2K3 बैच के हम तीन साथी—शैलेन्द्र सुमन, संतोष कुमार लाल और मैं (फणी भूषण प्रसाद)—एकत्रित की गई राशि लेकर जिमी के गाँव के लिए रवाना हुए।

उस समय भारी बारिश का मौसम था। जामताड़ा के पास गाँव जाने के रास्ते में एक स्थान पर पुल के ऊपर से पानी तेज बहाव के साथ गुजर रहा था। कार से उस पुल को पार करना काफी जोखिम भरा लग रहा था और हम सभी थोड़े आशंकित भी थे।

लेकिन ईश्वर का नाम लेकर हमने आगे बढ़ने का निर्णय लिया और सफलतापूर्वक उस पुल को पार कर लिया।

जैसा कि कहा जाता है—

"जब आप सच्चे मन और नेक इरादे से कोई अच्छा कार्य करने निकलते हैं, तो ईश्वर भी आपका पूरा साथ देते हैं।"

जब हम जिमी के गाँव पहुँचे, तो उनके परिवार के सदस्यों के साथ बैंक गए और वहाँ के मैनेजर से मुलाकात की। हमने उन्हें बैंक आने का उद्देश्य बताया तथा जिमी की तीनों बेटियों के नाम पर FD बनाने का अनुरोध किया।

बैंक मैनेजर यादव सर हमारे इस प्रयास और हमारी सोच से काफी प्रभावित हुए। उन्होंने इस नेक कार्य में हमारी भरपूर मदद की। इस प्रकार, बेटियों के नाम पर FD कराने के साथ-साथ हमने शोकाकुल परिवार को कुछ अतिरिक्त राशि भी आर्थिक सहायता के रूप में प्रदान की।

यह सच्ची घटना इस बात का प्रमाण है कि BIT सिंदरी के विद्यार्थी पढ़ाई के साथ-साथ अपने सामाजिक दायित्वों का निर्वहन भी पूरी निष्ठा और संवेदनशीलता के साथ करते हैं।

इसके अतिरिक्त, BIT सिंदरी के विद्यार्थियों ने संस्थान के आसपास रहने वाले गरीब एवं जरूरतमंद बच्चों को शिक्षा प्रदान करने के उद्देश्य से एक अभियान भी शुरू किया था। समय के साथ उस छोटे-से प्रयास का बीज आज एक विशाल वृक्ष बन चुका है। जी हाँ, मैं बात कर रहा हूँ **'प्रयास इंडिया (PRAYAAS INDIA)'** की।

यह एक गैर-सरकारी संगठन (NGO) है, जिसका संचालन BIT सिंदरी के विद्यार्थियों द्वारा किया जाता है। यह संगठन गरीब एवं वंचित बच्चों को निःशुल्क शिक्षा प्रदान करने के साथ-साथ उनके सर्वांगीण विकास के लिए भी निरंतर कार्य कर रहा है।

मुझे भी इस अभियान का हिस्सा बनने का सौभाग्य प्राप्त हुआ है। मेरे द्वारा प्रायोजित एक छात्रा ने वर्ष 2023 में दुमका से डिप्लोमा पूरा करने के बाद पलामू से B.Tech की पढ़ाई शुरू की।

वर्तमान में **PRAYAAS INDIA** के माध्यम से प्रतिदिन लगभग 600-700 विद्यार्थी निःशुल्क शिक्षा का लाभ उठा रहे हैं। इनमें से कई विद्यार्थियों ने BIT सिंदरी से अपनी B.Tech की पढ़ाई भी पूरी कर ली है। अब तक लगभग 6 विद्यार्थी B.Tech पूर्ण कर चुके हैं, जबकि कई अन्य विद्यार्थी अभी अपनी पढ़ाई जारी रखे हुए हैं।

प्रयास के माध्यम से शिक्षा प्राप्त करने वाले अधिकांश विद्यार्थी डोमगढ़, गौशाला एवं आसपास के क्षेत्रों में निवास करते हैं।

BIT सिंदरी के विद्यार्थी इस प्रकार के अनेक सामाजिक कार्यों में सक्रिय रूप से भाग लेते रहे हैं। समाज और राष्ट्र की समृद्धि एवं प्रगति के लिए ऐसे प्रयास अत्यंत आवश्यक हैं।

अंत में, मैं एक बार फिर यही कहना चाहूँगा कि BIT सिंदरी के विद्यार्थी अपनी शैक्षणिक जिम्मेदारियों के साथ-साथ सामाजिक एवं नैतिक दायित्वों का भी बखूबी निर्वहन करते हैं।

जय हिंद!

सादर अभिवादन, फणी भूषण प्रसाद



Dr Harinarayan Tiwari

(Civil, 2005–2009)

CEO, PANDT SOFT SOLUTIONS PRIVATE LIMITED

Partner, Floodkon

Master's and PhD, IIT Roorkee

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MY JOURNEY FROM BIT SINDRI

My journey from BIT Sindri to my current professional position has been one of learning, perseverance, and continuous growth. Joining BIT Sindri was a defining moment in my life. The institute not only provided a strong technical foundation but also shaped my personality and approach toward critical challenges.

One of the funniest incidents from my BIT Sindri days happened during the result reconciliation process. A number of students felt they had received lower marks in some subjects and wanted to submit an application for review. At that time, our Head of Department was also the Acting Director, known across the campus for his strict and disciplined nature. The students with mark-related issues convinced five of us, who were among the top performers and had no issues with our own marks, to lead the delegation and submit the application. The rest promised to stand behind us in support. As fate would have it, we spotted the Acting Director outside the department and rushed toward him with the letter. When he asked about the issue, we explained that some students wanted their marks reviewed. Out of curiosity, we turned around to see the group supporting us. To our surprise, everyone had stopped at a safe distance, unwilling to come closer! There we stood, looking like the complainants while the actual concerned students kept their distance. The situation left us embarrassed and laughing at the same time. *The incident taught me a valuable lesson: never follow others blindly, and always know what you are signing up for before stepping forward.*

A key turning point in my career came when I realized that B Tech knowledge alone is not enough to succeed. Developing communication skills, embracing technology, and being open to learning new concepts through research became equally important, so that I have completed Master and PhD from IIT Roorkee. The transition from student life to professional responsibilities was challenging, but the discipline and problem-solving mindset instilled at BIT Sindri helped me navigate this phase successfully.

Today, I am the *CEO of PANDT SOFT SOLUTIONS PRIVATE LIMITED* and *Partner of Floodkon*, I look back with gratitude at the role BIT Sindri played in building my career. The institution provided the foundation upon which I continue to grow and contribute.

My message to current students

My message to current students is simple: make the most of your time at BIT Sindri. Focus on building strong fundamentals, develop communication and leadership skills, stay curious, and never stop learning. Do not fear failures; they are stepping stones to success. Value your friendships, seek guidance from mentors, and always uphold the values of honesty and hard work. The opportunities ahead are limitless for those willing to learn, adapt, and persevere.

SOME CAMPUS MEMORIES (2005–2009)



Hostel Number 3



Meeting of Civil Society



Dharna Pradarshan



Surveying



Hostel Number 19



Saraswati Pooja



Then · Rajendra Kr. Nirmal (left) with Somnath Jha (right)



Now

Shri Rajendra Kumar Nirmal

Dy. General Manager (Civil)

RITES Ltd (Under Ministry of Railways)

Joined RITES in 2012 as Graduate Engineer Trainee

FROM BIT SINDRI TO RITES: A JOURNEY OF TRANSFORMATION

I vividly remember my first night at BIT Sindri. Nervous about spending four years away from home, I entered Hostel No. 11, Room No. 1. Four corner beds were occupied, leaving only the centrally located fifth bed vacant. That became my little island! Our first night was spent discussing ragging and planning how to tackle it, little realising that BIT Sindri had its own plans to transform us.

The initial encounters between the *Murgas (freshers)* and *Tigers (seniors)*, including the famous ninety-degree wishing posture and moving in disciplined lines, seemed intimidating then but eventually taught us respect, discipline and the value of experience. News of seniors getting selected for prestigious government services inspired us to dream big.

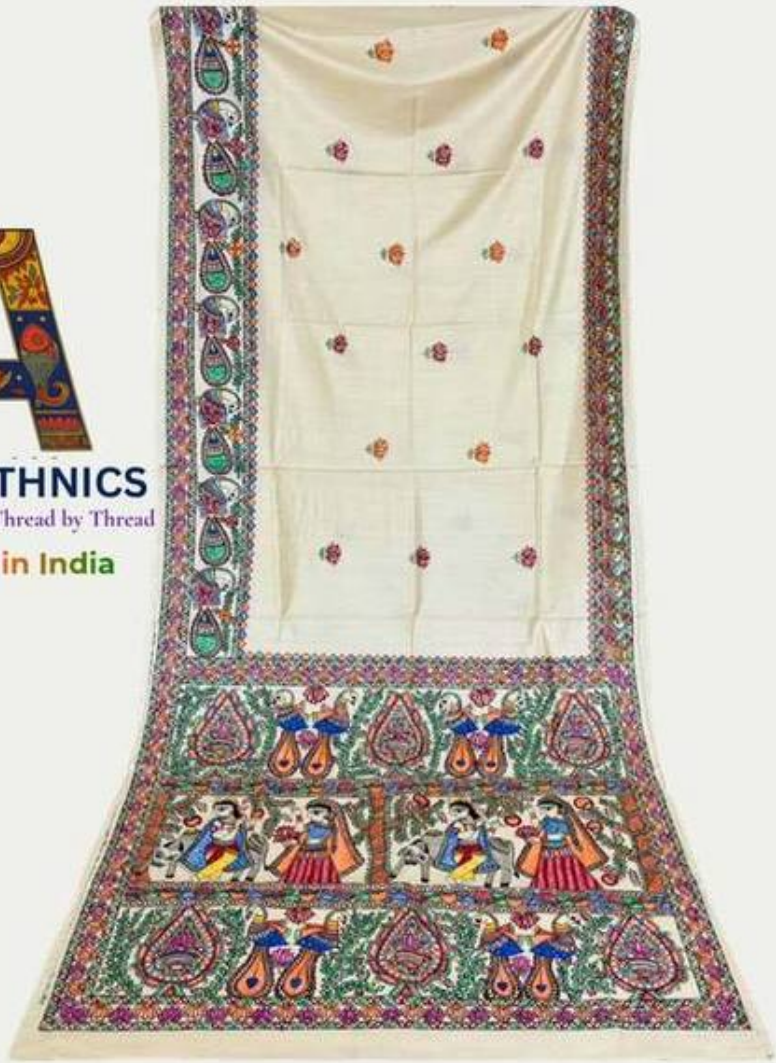
College life offered freedom, friendships and distractions, but our teachers and seniors, like Dronacharyas, guided us to remain focused, just as Arjuna concentrated on the bird's eye.

Surveying exercises were particularly valuable, bridging classroom theory with practical engineering. They laid the foundation for my professional journey in feasibility studies, DPR preparation, railway alignment design and construction of railway infrastructure. Joining RITES in 2012 as a Graduate Engineer Trainee and progressing to Deputy General Manager (Civil), handling project planning, execution and quality supervision, has been a journey of continuous learning and perseverance.

My message to present students

Stay focused, choose the right path and draw motivation from every experience. BIT Sindri builds not just engineers, but character, confidence and lifelong values.





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Mission Statement

Build a bridge between students, management and alumni — all coming together to inspire and educate in a diverse atmosphere.

The BIT Sindri Alumni Association connects a global network of senior industry leaders, public-sector executives, pioneering entrepreneurs and technical experts across diverse domains.

Join Us at BIT Sindri

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