



# BIT Sindri Alumni Association Of North America (BITSAANA) Newsletter

Feb. 15<sup>th</sup> 2020

Volume 3, Number 2

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## Editor's Note:

*BIT Sindri is a great place of learning. Not only It imparts technical knowledge and experience but also teach how to succeed in most difficult environment.*

*You will find a BIT Alumni leader in Wireless to Railways and Steel Industry to Nuclear Waste Handling and storage to Semiconductor to Oil and Natural Gas to Nuclear Power to Research Scientists and Professors to Space and Marine Scientists to Building Roads and Stadiums, to Artificial Intelligence all across the globe.*

*You will find alumni like Ashok Kumar whose determination to serve the cause of "Vision For All" is admirable. Last year's flood tested him to the limit and he proved to be a true BITIAN by overcoming all obstacle and is keeping the progress going.*

*Young man Aaloka Ananta, has a vision of providing the most essential basic tool "a lap top" to all the needy students at BIT. Giving back is ingrained in Ananta.*

*Shree Sharma is determined to make sure that BIT Sindri is "Second to None". He is working to bring the local economy up for the benefit of villagers by using their produce and processing it in same area all this while Keeping the quality of product at world class standard.*

*Commitment and Dedication of Dr. Krishna Pal Singh to keep the world clean, he developed mini nuclear power plant to address the world's need of energy. With his determination and the focused effort of Dr D K Singh, Chandrika Prasad, Shree Sharma and Prabhat Sinha, BIT is just a few steps away from becoming a **National Institute**. Anil Singh drove the "2019 Year end Donation Drive" to raise over **\$100,000** and took the leading step in this direction.*

*Dr Ramji Prasad with all the G's keeps on taking BIT to the faster and faster track by bringing world class conferences to campus with **world renowned scientists and speakers**.*

*And then we have Yogi Chaddah, Uday Sinha, Nilendu Shrivastava, Ranjit Sinha, Neil Pandit and many others as role models who keep on giving the guiding path.*

*Let us join in, in making our institute **"Second to None"** The institute of choice for all future technologists and scientists*

*We will love to hear from you on BITSAANA donation Drive and this news letter. Please forward your comments and questions to [editor@bitsindri.org](mailto:editor@bitsindri.org)*

*Ramesh Yadava*

*Feb. 15<sup>th</sup> 2020*



## **From the Desk of Director BIT Sindri**

Dr D K Singh (BIT Sindri Alumni)

Welcome to BIT, Sindri. It fills me with immense pride and satisfaction to scribble about BIT, an institute which has served as our nation's flagship institute of technical education for more than over seven decades now. We are proud to be nurturing the dynamic leaders, citizens who strive to make a difference and a pool of intellectuals who can contribute to the workforce of tomorrow.

Endowed with a magnificent campus, an excellent management, well qualified faculties and a good academic ambience, the college continues to strive to be a top ranked engineering college in the country. A well designed curriculum, numerous technical workshops and conferences and a disciplined student community distinguishes BIT as a centre for quality education.

In the changing times of globalization and an era of technological transformation, addressing the challenges of a better world is the need of the hour. As an academic institute, we understand the responsibilities of ensuring the reach of value based education to each & every student and to nurture their juvenile minds to fit in today's world through their talent and knowledge.

Our faculties are renowned scholars and research practitioners who are actively involved in academic excellence and innovative research ideas. Our students have managed to be a part of the reputed government, public and private sector units in their own capacities. To enhance industry-related education model, we have taken firm steps to organise industrial tours and training programmes to facilitate our students in developing these skills and visions.

In view of the competitive academic era, we have also started new Master's degree courses and in an initiative with Oracle we have planned to start a Oracle certified laboratory here in the campus itself to give the students in campus facility to avail Oracle certified courses here in the campus. A New E-Cell, Hacking and Coding Club( HnCC) and an Incubation Centre has been set up which are functioning at a very good pace. Inter-Institute hackathons have also been organized in the recent months where BIT Sindri students showed their talent and secured top positions.

To channelize the abundant potential of the pupils, we have numerous institute level societies operating in wide areas ranging from technology, art, music, dance,

meditation, sports, environment, thereby enhancing their managerial skills and moulding them into able team players.

I would also like to take this opportunity to thank our esteemed alumni network who have played a major role in shaping the institute over the years. This cooperation and help through monetary benefits to the institute has helped in supporting faculty-research, attracting reputed recruiters, establishing student's scholarships and improving institution ranking globally. Without these gifts, it would have been difficult to maintain the exceptional level of educational & quality research that the institute boasts today.

BITSAA and all its chapters have played a major role in connecting BIT Sindri graduates not only in the country but abroad. The meets organized by BITSAA annually are opportunities for the young batches that leave the campus to find a social ecosystem with their BIT Sindri family. I request each alumnus of BIT Sindri to be a part of these annual meets of their respective BITSAA chapters and also urge them to visit their Alma mater so that the present batches of youngsters can be enlightened by their professional and life experience after college. Also, the students will get the opportunity to get their ideas and visions cleared regarding various fields of expertise through your valuable guidance.

**Future Plans and Challenges:** It has been at the forefront of my mind to make the present campus a connected campus through Campus Wi-Fi for which we have already laid the foundation by connecting Every hostel, Branch buildings and the Administrative Block via high speed fibre optic cables.

I have also requested the Central Government to make BIT Sindri into a Centrally Funded Autonomous Institute owing to its contribution in the national education frontier. Another plan of mine is to motivate students to pursue internships or courses in foreign universities for one semester with the college's permission. This will help them be at par with global industrial advancements.

As I close my second year as a director, I feel fortunate to have worked for one of India's oldest, largest & most comprehensive educational institute. It gives me immense pleasure to announce that BIT Sindri is traversing a fascinating path of growth and development and will soon stand among the finest technical institutes of not just India but the world. With this thought in mind, I extend my gratitude for visting us and wish you a wonderful life ahead.

Wishing to stay connected, in the days to come.





## **President's Message**

**Dr Anil Singh**

May the New Year bless BITSAANA members and family and all the alumni across the Globe with health, happiness and prosperity. Past few months have been quite exciting for BITSAANA. In September 2019, new Board of Directors and Advisors (BOD & A) got elected by the secret ballot. It consists of 15 most diversified members (40% female, 60% male), there is representation from 1960s to 2010s. Two youngest members are from 2012 and 2014 graduating classes not only they are most active and they bring new ideas and vision ensuring that BITSAANA has a bright future.

BITSAANA members represent all geographical areas of North America except Mexico. It is incumbent upon us to locate members in Mexico.

Members held several alumni meets in Canada, California, New Jersey, Massachusetts, Texas, Washington D.C./Virginias/Maryland etc. Many such meetings are planned in the remainder of 2020 that will include Chicago/Detroit and Denver. West Coast Annual Meet and East Coast Annual Meets will be held in San Francisco Bay Area in September, 2020 and in New Jersey in July 2020 respectively. In one of New Jersey Meet on January 25, 2020, Prof. IDP Singh, ex BIT Director and Professor of Metallurgy, was welcomed and facilitated.

In mid-December 2019 "Year End Giving" donation drive was started to raise the funds for various BITSAANA activities including those at BIT Campus. Thanks to Mr. Shree Sharma and Dr. Krishna Pal Singh for igniting the BIT Foundation Flame by pledging to match dollar for dollar of the members' donation bringing the total donation amount to \$102,280.

On behalf of all BITSAANA members and BOD&A, I express my sincere thanks to each and every donor. Five alumni became life members bringing the total number of life members to 70.

BITSAANA board approved that to participate in the Laptop donation program and it will also provide funds to put up motivational bill boards at BIT Campus.

It is proposed to form a small member committee comprising of BIT Director, two members from BOD&A, and up to two from North America alumni. The committee will make recommendations to the BOD&A of worthy causes/projects, both at the Campus and locally, where the donation money should be spent.

**Our goal is to raise \$200,000 in 2020.**

**"WE ARE SECOND TO NONE"  
Long Live our Alma Mater**



## Director Deshpande Sacrificed His Life for BIT Sindri

Dr. Anil Singh  
(1964 Metallurgy)

Professor D.L. Deshpande was the director of BIT Sindri during its formative years (1951 – 1965). He was the visionary par excellence. He made BIT as one of the best technical institutes in India. His dream (*though still unfulfilled*) was to make BIT an autonomous technical university like MIT in USA. He left indelible mark on all who came in contact with him.

Prof. Deshpande's contribution and sacrifice are best described in a message from Gajendra Prasad Verma (1964 Metallurgy) in 2014 meet in Bokaro, remembering his brief meeting with the then Director Prof. D L Deshpande only a few months before his untimely death in April 1961.

**From: Gajendra Prasad Verma, 1964 Metallurgy, Jamshedpur, India:**

I feel proud of sharing with you the introductory lecture of Shri D.L Deshpande on 25th July, 1960, "You are students of the second largest technical institute of our country".

On Deepawali 1960, I was given the task to deliver the invitation card to the director Deshpande. On his bungalow drawing room sofa, he was looking on a big globe presented by American Prof. R.W. Atkinson. Prof Deshpande told me like a friend - "You know I have got cancer in my stomach. Doctor has advised me to take a few months leave for thorough treatment. During third five year plan B.I.T. Sindri is going to be an autonomous university. If I take leave it will be delayed by decades. **"He sacrificed his life for B.I.T. Sindri"**.

To quote Prof Deshpande- "You must be creative. Whatever job you are given you must create something great out of it." Once he told his administrative officer - "You are part of my own."

Because of his excellent human management skill we were taught by a galaxy of brilliant star professors of international reputation. We had excellent opportunities to develop skills in sports, athletics, music, drama, debates, student government, organizing, conducting and presenting technical papers and social services. This resulted into our Alumni shining all around the world like brilliant stars. We excelled in industrial management and entrepreneurship, research and development, education, public administration, social services, sports, freelance writing, even in music and films.

There had been an era in "Steel Authority of India Ltd (SAIL)" when right from board of directors to various management levels were dominated by B.I.T. Sindri Alumni. To quote our senior Shri J.Mehra - "I find that most of the hard areas of our steel plants are run by B.I.T. Sindri Alumni. I don't know if all of them leave what will happen to the plants." At one time "SAIL" was commonly known as "Sindri Authority of India."

Lastly I wish you all the best.

सर्वे भवन्तु सुखिनः सर्वे सन्तु निरामया।

सर्वे भद्राणि पश्यन्तु मा कश्चित् दुःखभाग् भवेत्।।

(May all live happily. May all enjoy good health.

May all see auspicious things. May none suffer sorrows.)

# **BITSAANA Year End Giving Donation Drive 2019**

**\$50,000 and Higher**  
Dr. Krishn Pal Singh

**\$25,000 and Higher**  
Mr. Shree Sharma

**\$ 5,000 to \$9,999**  
Barmeshwar Rai  
Neil Pundit  
Rajesh Jha

**\$ 1,000 to \$ 4,999**  
Anil Singh  
Bal Trivedi  
Prabhat Sinha  
Raj Verma

**\$500 to \$ 999**  
Archana Kumari  
Pravin Gohil  
Ranjit Sinha

**\$50 to \$499**  
Alka Singh  
Madhukar Prasad  
Mithilesh Kumar  
Pranav Nidhi  
Sadhana Prasad  
Ramesh Yadava  
Yogendra Chadda

*Thank You*







## **International Symposium on 5G and Beyond for Rural Upliftment**

**Feb. 8 – 9 2020**

**BIT Sindri and IIT Dhanbad**

Report by Editor

The International Symposium on 5G and Beyond for Rural Upliftment with 35th GSSM meeting provided the platform for exploring and exchanging the ideas among the networked people. It imposed on how the 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.

Thanks to Dr Ramjee Prasad who brought this international seminar with focus on latest technology with Rural upliftment as the theme. Alumni of BIT-Sindri from across the globe congregated at their alma mater for this international symposium “5G & Beyond for Rural Upliftment”. The conclusion of the seminar was to put continued focus on research, innovation and entrepreneurship in making BIT Sindri world level institute.

Ramjee Prasad, a 1963 batch alumnus of BTech (electronics & communications engineering) and founder president of Core Tele Infrastructure (CTIF) Global Capsule (CGC), Aarhus University, Denmark said: BIT Sindri was one of the best institutes of the country, better than many IITs due to the quality of teaching, faculty and state-of-the-art infrastructure. We feel our alma mater has potential, which needs to be harnessed further with research into new-age technologies and industrial problems.

Arunaditya Sahay, from the 1962-1966 batch of mechanical engineering, and the dean of research and professor of strategic management at Birla Institute of Management Technology, Gurgaon, talked about the positive change which has come in with new director Dharmendra Kumar Singh (BIT Alumni) taking charge and carrying out exemplary work in infrastructure development. Dr. Sahay also lauded the institute's signing of a memorandum of understanding with CTIF GLOBAL CAPSULE, Aarhus University of Denmark for academic collaborations and hosting international level technical conferences.

BIT Sindri Director Professor Dharmendra Singh, IIT (ISM) Dhanbad Director Professor Rajiv Shekhar, Dr. Ghanshyam Roy and many many professors and staff of both institute put their best effort with unconditional support to make the international event a great success.

The 36th GSSM will be held in Hyderabad on July 10-11, 2020, stay tuned for more detail on this in coming months.



## International Symposium on 5G and Beyond for Rural Upliftment

### Topics of Discussion

- Role of Globalization for Rural development
- Collaboration between Industry and Academia
- Wireless World Research Forum
- Technical Research Papers presentation

### Following 44 technical papers were presented in this seminar

1. Frame Selection from Test Speech for Robust Speaker Identification Authors: Swati Prasad
2. Monitoring air pollution Based on Internet of Things (IoT) and Interfacing of Microcontroller with VGA display Authors: Shahir Uddin et. al
3. IoT Based Maintenance for Mine Hydraulic Excavators Authors: Prakash Kumar
4. CARE YOURSELF: A Self Health Care Assistant for Elderly using Visible Light Communication Authors: A.Kavitha et. al
5. Radio Frequency EMF Exposure in Living Area in Urban Enviro Authors: Hitesh Singh et. al
6. Industrial Internet of Things (IIoT) Authors: Narendra Kumar Srivastava et. al
7. Sum Rate Performance for Full-Duplex User in Co-operative NOMA systems over Weibull Fading Channel Authors: Rampravesh Kumar et. Al
8. EEHRP: Energy Efficient Hybrid Routing Protocol for Wireless Sensor Network Authors: Nandkumar Kulkarni et. Al
9. Data Privacy Technology for Society Authors: Aaloka Anant et. al
10. Role of Digital Technology in Weather and Everyday Mobility Authors: Ishita Sharma et. Al
11. Cryptography on digital implementation with steganography techniques Authors: Harsh Sahay
12. CoAP based Energyaware Cluster-based Mobility management protocol in WBAN health careEnvironment Authors: Mrinai. M. Dhanvijay et. Al
13. Where India stands with Advancing Technology Authors: Nidhi
14. Mobile Charging for Off-grid Areas Authors: Risha Mal et. al
15. Improved RSA Algorithm based on cloud database using Proth Number and Mersenne Prime Number Authors: Aditya Kumar
16. Analysis of NOMA: In Capacity Domain Authors: Saurabh Srivastava et. Al
17. Child Temperature Monitoring System Authors: Saurabh Prasad et. Al
18. Online calculator based on the client server socket programming Authors: Harsh Sahay et. al
19. Measurement and analysis of nearness among different images using varied probe functions Authors: Priyanka Srivastava
20. R&D on Floor Exposure Due To Electromagnetic Radiation from Mobile Towers in Residential Areas of Kolhapur Authors: A.L. Renke et. Al
21. A Hybrid Wide-slot Antenna with Elliptical and Staircase-shaped Wide-slots for Wideband Applications Authors: Munish Kumar et. Al
22. Design of Dual-Band and Low-Profile SIW CavityBacked Slot Antenna for 5G Applications Authors: Amit Kumar et. Al
23. Analysis of Coherent Microwave Photonic Filter for Digital Modulation Scheme Authors: Tanooja Mishra et. Al
24. Title: Discrete Fractional Fourier Transform based OFDM for 5G Mobile Communication Authors: Abhishek Kumar Singh et. al
25. Improved End to End Delay Bound analysis in Software Defined Mobile Edge Vehicular Networks Authors: Banoth Ravi et. al
26. Problems and reqm. with privileged access and authorization management in cloud-based multi-tenant networks Authors: Marleen Steinhof et. Al
27. Possibilities of 5G and its application in rural India: A short survey Authors: Navaneet Kumar Singh et. al
28. QCA Adder-Subtractor Authors: Amar Prakash Sinha et. al
29. Smart attendance monitoring system with Computer vision using IOT Authors: Ashwin Raj et. al
30. Differential Group Delay Behavior in 3-Core Homogeneous Strongly Coupled Multicore Optical Fiber Authors: Umar Farooque et.al
31. Hybrid Mode Analysis of Hybrid Dielectric Loaded Plasmonic Waveguide Authors: Pintu Kumar et. al
32. Method of Fault Tolerance and Mitigation in Wireless Sensor Networks Authors: Arun Kr Marandi et. al
33. Classification between interictal and ictal states of epileptical patients using alpha subband Authors: Mustafa Sameer et.
34. Investigations on CRLH-TL based Multiband Conformal Antennas for Curved Surfaces Authors: Mohammad Ameen et. al
35. Investigation of Wideband Antenna for Medical Implant in Medical Device Radiocommunications Service Band Authors: Pinku Ranjan et. al
36. Radio Frequency Identification (RFID) an automatic identification system Authors: Harsh Sahay
37. Anatomization and Perception of Mental Disorder Because Usage of Online Social Network Data Authors: Aaradhana Arvind Deshmukh et al
38. Smart Irrigation System with Alert Authors: Abhijeet Kumar et.
39. Area Coverage Optimization in WSN using Modified PSO Authors: Amulya Anurag et.
40. Analysis of Optical Parameters of Hexagonal Solid Core PCF with Methanol filled inner Cladding ring Authors: Shahir Uddin et. al
41. A comparative Analysis for Realization of Limit-cycle free 2D Digital Filters with external disturbance Authors: Kritika Awasthi et. al
42. Posteriori Minimization for Pre-Error Inclusion Linearizer of 5G-HPA Authors: J N Swaminathan et. al
43. User Privacy in Big Data Analytics for eHealth Authors: Nidhi
44. Performance evaluation of Existing Interference mitigation techniques under designed Interference Environment Electrical Impedance Analysis On Orange During Storage And Ripening Authors: Pritika Singh





# BIT Sindri (Alumni) Association International

By Bal Trivedi President BITSAA International

Bit sindri Alumni Association was formed in 2015 by Dr. Neil Pundit, Mr. Shashank Garuryar and Dr. Raj Dubey to create and present one united front, representing alumni both in India and abroad, the faculty and students. Mr. Chandrika Prasad, Dr Ramji Prasad, Mr Bal Trivedi joined the board to give it a true global prospective. Thanks to BITSAA NCR chapter and it's leaders to host the first organized event and introduction of organization goals and objectives. The team put the seeds to form a "Think tank" which will bring out the unthinkable, out of the box things, that are beyond the current horizon to make BIT Sindri a shining star Institute in India.

To bring BIT at the national level, the team focused on holding technological seminars at campus and Dr. Ramji Prasad is leading by organizing the very prestigious International Symposium on 5G BIT Sindri/IIT(ISM) Dhanbad Feb 8-9 , 2020 at BIT Sindri.



BITSAA International took a global vision of Eastern Conference under the umbrella of BITSAA- Delhi Chapter and Western Conference under the umbrella of BITSANA. Think Tank under leadership of Mr. Chadrika Prasad took an active role and provided foresight and vision in organizing world connect Dubai to connect alumni in the Gulf Region. In 2018, World Connect in Goa, India and International World Connect 2019 in Denmark. This year's International World Connect 2020 will be held in Sydney, Australia.

We are delighted to introduce our board: Mr. Bal Trivedi: President, Mr. Ghazanfar Khan, Mr. Arun Tewary, Prof. Dr Brahma Nand Mishra, Mr. Rajat Verma and Mr. Jan Varma.

Each member of board is honored to invite each and every alumni all across the globe to come and participate in this momentum of making BIT Sindri "Second to none".

The team is now focused in drafting a vision paper and strategy plan, which focus on *to set realistic and achievable goals, align all alumni and it's chapters to compliment and supplement the weaknesses and strength.* This strategy plan when released may become a reference document for BISAA alumni chapters.

The Board of International conveys its heartfelt compliments to following partners for the tremendous help, cooperation and advice provided by them throughout our journey: Ramesh Yadava, the past President of BITSAANA, Dr. Anil Singh, the President of BITSAANA, Chandrika Prasad, the patron of BITSAA - Delhi NCR, Prof Dr. Sudhanshu S Jamuar and Dr. Ramjee Prasad, the Scientist, Professor, Entrepreneur, and Organizer of several events of global importance and our BIT Campus relevance. We would be remiss of our duty if we do not compliments their respective life partners. We owe gratitude to Mrs. Radha Yadava, Mrs. Radha Singh, Mrs. Nayantara Prasad, Mrs Rita Jamuar and Mrs. Jyoti Prasad. They made all our events adding their grace with active participation in all our World Connects and sharing the stage with their counterparts.



## **BITSAA Ranchi, Jan 2th. 2020**

Rajendra Choudhary

BITSAA Ranchi Chapter celebrated India's Republic Day (Jan. 26<sup>th</sup>) and annual picnic/AGM was organized at Jharkhand Tourism Development Corporation. The National Flag was unfurled by Senior Most Alumni Sri Upendra Singh, 1957 Batch (Founder).

Alumni President Sri RK Choudhary (1972), VP Sri KK Singh (1973), VP Sri UP Sah (1987), Secy Gen Sri Lokesh Sahu (1987), Anant Prayas Chairman Dr Hari Krishna Budhia (1961), Past Secy Gen Sri Shambhu Nath (1964), Sri Sidhnath Singh (1966) & Sri Balmukund Ritolia (1963), were present. Over 300 alumni with their spouses came to celebrate this joyful event hosted by BITSAA Ranchi Chapter.

It was a special day for Anil Kr Singh (1959) and spouse Smt Aruna Singh who celebrated their wedding anniversary. As per tradition on this occasion gifts and greetings were distributed to all the alumni who had their birthday or anniversary in the month of January.



**Office Bearers for BITSAA Ranchi has been declared for 2022.**

<b>BITSAA Ranchi - Executive Committee Body-2020-2022</b>			
<b>RESPONSIBILITY</b>	<b>NAME</b>	<b>Contact No.</b>	<b>Organisation</b>
Patron	Sri A K Singh	9934370024	MECON
	Sri Shambhu Nath	9304719227	HEC
	Sri V K Roy	9431114168	HEC
	Sri Sidhi Nath Singh	9431103351	SS
	Sri Shivanand Roy	7739852737	GOJ
President	Sri R K Choudhary	9431114250	WMPIL
Executive President	Sri U P Sah	7004600459	DoT
Vice President	Sri K K Singh	9434788500	GOI
Vice President	Sri K D Singh	9507531672	HEC
Vice President	Sri Avinash Thakur	8987784115	CCL
Secretary General	Sri Lokesh Sahu	9470590329	MECON
Treasurer	SriPrakash Sudhir	8986880325	RDCIS
Secretary	Sri R K Jha	7547879022	HEC
	Sri D P Singh	9431756477	
Secretary	Mrs Silpi Ranjan	9431366925	MECON
	Sri Manoj Kumar	9304213132	
	Sri Praveen Kumar	9934585194	
Secretary	Mrs Anjana Deva	8986880274	RDCIS
	Sri Mithilesh Kr.	8986880150	
Secretary	Sri Mukhund Kumar	8986880437	CET
	Sri O P Sinha	8986880445	
	Sri Jai Sankar	8986880422	
Secretary	Ajay Yadav	8987785493	CCL
Secretary	P K Barnwal	8987789141	CMPDIL
Secretary	Kumud Ranjan Sinha	9431181581	JVNL, GOJ
Secretary	R K Verma	9931177047	SAIL City
	Pradeep Kumar	7250190673	
	Shailendra Suman	6299683926	Entrepreneur

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 AI QUAD CAMERA





## Toronto Canada, Jan 11<sup>th</sup>

New Year Celebration Event was held on January 11, 2020 in Toronto. Best part was that it as a Potluck party. Everybody's homemade food was delicious, and far better than the catered food. A singer, Nairoz, was hired for the entertainment. She kept us entertained throughout with her melodious songs. Great discovery, BIT alumni Pranav Nidhi and Tarique Ahmed as amazing singers. Rajesh Ranjan, who attended the alumni meet for the first time, offered his backyard for the summer picnic. More frequent get together is planned in the future. CAD 210.00 was raised in the meeting for BITSAANA



## New Jersey, November 3, 2019

On November 3, 2020, BITSAANA had a mini get together in New Jersey. Dr. Anil Kumar (1967 Mechanical) and Saroj Bhabhi were very generous hosts. Five alumni and nine guests were in attendance. BITSAANA President, Anil Singh (1964 Metallurgy) was also present. Anil Singh updated the members about the positive changes being made at BIT including our members efforts to make BIT a central government funded institute like NIT. He also appraised the members about the activities of BITSAANA in the past 12 months. Members complained that many of them did not know much about these activities, and said forcefully that communication to members must be improved as old timer alumni do not check the website. It was suggested that, in addition to updating the website, email communication should be restored. (ex BIT Director) Shri IDP Singh's daughter joined the celebration with her husband.



## New Jersey, January 25<sup>th</sup> 2020

BITSAANA New Jersey Chapter had a get together on January 25, 2020 to honor and welcome Mr. IDP Singh, ex- Director, BIT and Professor, Metallurgical Engineering. Prof. Singh was visiting his daughter, Manjula, who lives in New Jersey.

A plaque, flower bouquet and a shawl were presented to Mr. IDP Singh on behalf of BITSAANA.

30+ guests including 14 alumni were present. Among the attendees were our distinguished alumni Shatrughan Sinha, Deputy Consul General, Indian Consulate, New York, and Vinay Singh, President, Bihar-Jharkhand Association of North America. Dr. Anil Kumar (1967 Mechanical) and Mrs. Saroj Kumar were generous hosts



## BITSAANA LA, Dec 8<sup>th</sup>. 2019

A get-together was held in Pasadena at the residence of Anil (1964 Metallurgy) and Radha Singh. They were the gracious hosts. 15 guests including 7 alumni were in attendance. Distinguished Alum BITSA International certificates were presented to Kamal Nath Jha (1961 Electrical and Anand Mishra (1993 Mechanical) for their professional achievements and participation/services to various activities. Anand parents were present as well.



## BITSAANA LA, Jan 19<sup>th</sup>. 2020

Rajesh Jha and Barmesh Rai (both of 1977 Civil) invited alumni members of Southern California for a luncheon get together at their Penthouse in Long Beach, California on January 19, 2020. The occasion was to celebrate the following.

- Felicitation of Dr. Anil Singh, President of BITSAANA
- Archana (2012 E Com) and Ajay's parenthood
- Barmeshwar Rai and Rajesh Jha's retirement

There were 30 guests including 12 alumni. Archana's in-laws, and Anand's presents also graced the occasion. Of course, everybody was so excited and happy to welcome Saanvi as new member of BITSAANA family. As on so many previous occasions, Rajesh and Barmesh were perfect hosts. There was plenty of food including home cooked *litti*, and *alu and baigan chokha*. All had fun.

### 2. Kamal Nath Jha (1961 Electrical) 80th Birthday Celebration

Kamal Nath Jha (1961 Electrical) 80th birthday was celebrated at Tandoori Cousin of India, Orange, Southern California on February 1, 2020. Over 30 guests join the party. BITSAANA was well represented. There were 7 of us including 2 spouses. His daughters, Rita and Lily, were great and generous hosts. Kamal Bhai is the senior most BIT alumni in Southern California. Barmesh Rai (1977 Civil) wrote an amazing poem for him on this occasion.



**Ajay and Archana Ahuja had a beautiful, adorable daughter**

*Saanvi*



**Hearty congratulations from BITSAA family**



## Our Alumni on the path of Philanthropy



**Ananta Aaloka**

The fulfillment of dream comes when the commitment, focus, determination, desire converge to a single point and Ananta Aaloka (2004 Electrics and Communication) is a model for all fellow alumni. Determined to make a difference in the lives of BIT students, he along with Mr Rajendra Chowdhry and Mr Hari Krishan Budhia joined hands to give students an essential tool for success “ A Laptop”

His inspiration came from his urge to give back to college set in after moving out of India in 2011. His own situation in college, after his fathers demise in 2001, when he was in first year, has clearly left him with no option but to take help from others. In his own words “I could get this help and all those who are talented, may find a way out themselves. But I thought, if I can contribute in order to help any student, get over this financial worry, it can be a great achievement. My wife, came up always in full support for my such ideas and it paved the way forward.”

This Program is to provide laptops to the needy students, whose resources are limited and hardly able to manage their study expenses. It is a part of bigger program to provide any needed financial help to students who are not able to secure resources to complete their engineering study with flying colors.

Program started in 2016, with the first laptop given to 1 student out of 41 applicants. Till date 7 rounds has been conducted with a total of 28 laptops provided to students. Every year, two rounds are conducted for one batch of students in first half and second half of the year.



The Goal is to provide 2000 laptops to the needy students by the 75th anniversary of college. With the circle of giving concept, this would ensure that every student who enters BIT Sindri, is having a laptop or any other needed resources to complete his/ her studies free of any financial worry.

We are requesting and appealing to all the fellow alumni to come and join hands to donate funds to the fund pool to provide laptops to the students of BIT Sindri, who really need help. In addition, we urge alumni to mentor students and engage on a regular basis directly with students to give them a view of global horizons, which are not easy to have in BIT Sindri.

You can contribute by making your donation via bank transfer to the account below:

Account Name: Anant Prayas

Bank Name: Indian overseas Bank, Ranchi

IFSC: IOBA0000366

Account Number: 036601000023118

Account Type: Savings

After doing the funds transfer, [fill this form in link](#) for Anant Prayas to acknowledge your donation and send you a copy of the receipt by your preferred medium. Alumni who do not have a Resident, NRE account or NRO account in India and want to contribute funds using direct transfer from their overseas account, please write an email to [anantprayas@anantprayas.org](mailto:anantprayas@anantprayas.org) and we would help you out with the details on how to transfer.

Alumni may reach directly to Aaloka on number/whatsapp: +353877485867

You could also send your tax deductible contribution to Anant Prayas by using BITSANA by clicking [here](#) Your donation is tax deductible (BITSANA is a registered 501 (3) C non profit organization)



**Ashok Kumar BIT Sindri Alumni Determined To Bounce Back From Flood Damage  
And Continue His Mission Of  
Vision For All**



**Ashok Kumar BIT Alumni**

It was in mid seventies when a young man saw around him many adults were handicapped due to their challenges with eye vision. This was the beginning of the thought and commitment of young Ashok Kumar to do something about this challenge. Over the years Ashok and his team helped 152,721 individuals to achieve their sight and making them regain their confidence level back and are carrying on their life as normal person.

But then in late 2019 the devastating flood took a toll at this noble work.

In Patna, the worst affected area was Kankarbagh where the eye hospital is situated, the flood has totally taken us back by years. We were in tears as flood waters gushed inside the OPD and OT and we looked on helplessly, We tried our best to salvage as much as possible, by shifting the movables to higher ground.

Now, as the Eye hospital which has served over 2 Lakhs patients lies in shambles, we need your help and support like never before. The patients who had come for treatment and who were stuck in the hospital were provided hot food and sent back to their home by tractors provided by District administration.

As we are determined to continue serving the community, your support at this juncture will be nothing short of divine intervention for the whole community. May I also request you to share this aftermath of Patna floods in your network as we need all the support to help 80 Lakh plus people suffering from Cataract in Bihar, out of which more than 20 Lakh are on the verge of loosing their precious vision.

As your fellow alumni from BIT SIndri, I am reaching out to you for your help in rebuilding and rising back even stronger to continue on the mission of Vision For All. Please reach out to Ashok at:

Mr. Ashok Kumar: [sslnpatna@gmail.com](mailto:sslnpatna@gmail.com) , Mr. Shyam Choudhary [shyam.choudhary@sbcglobal.net](mailto:shyam.choudhary@sbcglobal.net)

To contribute, please visit the website: [www.SriSaiLionsNetralaya.com](http://www.SriSaiLionsNetralaya.com)

You can also make your tax exempt donation to BITSAANA and 100% of your contribution will be sent to replace the following damaged equipment at Eye hospital:

1. Operating Microscope (OMS 90)
2. Slit Lamp with AT
3. Auto Refractometer Topcon
4. Non Contact Tonometer
5. A Scan Biomedix
6. Automatic Sterilisation Machine Rockwell

## **Flood taking it's toll**





## जन्मदिन की शुभकामनाये



जन्मदिन है सफ़र का एक पड़ाव, जहाँ रुककर थोड़ा सुस्ताना है.  
फिर जीवन का लेखा जोखा करके, आगे पथ पर बढ़ जाना है.

आप वरिष्ठ गुरुभाई हैं, हमने आशीष हमेशा पाया है,  
विनम्र, सौम्य व्यक्तित्व के धनी, हम सबने देखा, पहचाना है.

उल्लास से भरा माहौल है, सब खुश हैं, मित्र और परिजन.  
यही तो आपके जीवन का, संचित एक खज़ाना है.

आप दीर्घायु हों, शतायु हों, हम सबकी है यही कामना.  
परिजन पास हों, सुख स्वास्थ्य साथ हों, बाकी तो आना जाना है.

**Dedicated to Dr. Kamal Jha on 80<sup>th</sup> Birthday By: Barmeshwar Rai Feb 1<sup>st</sup> 2020**



## गुरु माता



जब कभी हमारी उपलब्धियों के चर्चे किये जायेंगे,  
गुरु माता, बी० आई० टी०, तुझे कैसे भूल पायेंगे.

हम तो ज्ञान की आँच में, हथेली ही जला लेते,  
तूने सही दिशा दी, अहसान ना भूल पायेंगे.

तेरा मान सम्मान, आसमान छूता रहे,  
ज्ञान का तिरंगा, देश विदेश में लहरायेंगे.

माता, हमने बना ली है एक बानर सेना,  
अनिल हैं सेनापति, सारे जंग जीत जायेंगे.

पीढ़ियों से संचित ज्ञान, नौजवानों को सौंपकर,  
नई पीढ़ी को कर्ज़दार कर जायेंगे.

**Dedicated to BIT Sindri By: Barmeshwar Rai Jan 19<sup>th</sup>. 2020**



# BIT SINDRI



BIT logo in the colors of green, yellow, black and red,  
adds "Niyatam Kuru Karmatvam" motto to our ethics chest,  
flaunting icons of engineering and the lamp of knowledge in red.

Founded in 1949 in Patna, moved to Sindri in 1950,  
With mere six professors and sixty students,  
BIT Sindri has grown to be prime engineering institute.

The graduates were the prime talents,  
Contributed to the best technical growth in India,  
The expats even were backbones in rise of modern America.

Whatever your technical field of choice you chose,  
You had a core of talented fellow students to interact and compete,  
We were the family, we were the friends, those were the best days.

On entering the gates of the institute,  
The old memories of teachers and friends overcome our thoughts,  
Even the old buildings and hostels bring back our golden days.

In the first general students and faculty meeting,  
We were reminded that we have come to study in Sindri, not to meet a Sundari,  
Take your picture now, and one when you graduate,  
you will realize the glamorous transformation you have gone through.

**Dedicated to BIT Sindri**  
**By: Dr. J P Narain**



## BIT Kul Geet



भारत को बढ़ाने के लिए, विद्या फैलाने के लिए,  
४९ में जन्मा बी आइ टी, ज्ञान फैलाने के लिए ॥  
भारत को बढ़ाने के लिए, विद्या फैलाने के लिए ॥  
हर प्रांत से आते हैं, सब युवा ये निश्चय लिए,  
बी आइ टी में सीखें कर्म , भारत को बढ़ाने के लिए ॥  
चारों ओर करें कर्म हम, होगा बी आइ टी का नाम,  
देश को दें चलने का ढंग, हर ओर फैलाएँ ज्ञान का रंग ॥  
आकाश पाताल समुद्र की, रीसर्च है इसमें,  
तकनीकी ज्ञान को बढ़ाना, एक लक्ष्य है सबमे ॥  
भारत को बढ़ाने के लिए, विद्या फैलाने के लिए,  
४९ में जन्मा बी आइ टी, ज्ञान फैलाने के लिए ॥  
भारत को बढ़ाने के लिए, भारत को बढ़ाने के लिए ॥





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