



BIT Sindri Alumni Association Of North America (BITSANA)

August 2021

Newsletter

Volume 4, Number 1



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Editor's Note:

We are excited to publish the August 2021 BITSAANA Newsletter. In this edition we feature Dr. Neil Pundit 1961 Telecom

Starting this newsletter release, we have added a new heading featuring the children and grandchildren of our alumni. In this volume we are featuring Jayden Kunwar student at Johns Hopkins and Grandson Mr Bodh Kunwar (63 Electrical) and Mrs. Chitra Kunwar

The Covid has not slowed down the excitement and eagerness to keep on bringing new ideas and their implementation towards progress of our institute. All the BITSAANA chapters continued their scheduled meetings on zoom/social platform to keep the momentum going.

The BITSAANA Virtual (Zoom) Global meet is on August 28th.2021.

BITSAANA stepped up to the call of help to address COVID challenge in India, raised over \$1,000,000 and sent to PM Cares Fund.

BIT Sindri Alumni Association International BITSAAI is leading the effort in Alumni connectivity and have connected over 6,000 alumni through alma connect.

The alumni all across the globe have joined hands in an effort to share their knowledge with the students and Faculty. The effort by alumni is on to have joint research with BIT students under guidance of faculty. These are sure steps to towards our beloved institute BIT Sindri achieving the distinction of "Second None"

Director Dr D K Singh with his team of talented faculty and staff have rolled up their sleeves and jumped in with full dedication to make BIT a national level institute. The accreditation of Production Engineering by GOI Department of Higher education shows the success of dedicated effort. Please feel free to reach out to any of the HOD's with your idea and input and 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 newsletter. Please forward your comments and questions to editor@bitsindri.org

Ramesh Yadava

Aug. 14, 2021



Dr. Anil Singh (1964 Metallurgy)

President, BIT Sindri Alumni Association of North America (BITSAANA)

The Pandemic has deeply affected the people all across the Globe. It is an understatement that the past 1 ½ year has been very stressful. Many of us saw our friends and relatives here and in India fall victim to the Covid related illnesses. And, in some cases we lost our dear ones. But, now it appears that we may finally be getting out of this once in 100 years terrible pandemic.

I am so pleased to report that **BITSAANA Toronto Chapter** has been renamed as **BITSAANA Canada Chapter**. This change will have participation by alumni from all across Canada. Effective next board session 2 Board of Directors will be from Canada,

BITSAANA did its parts to help. Thanks to a generous donation of \$1MM by Dr. KP Singh (1967 Mechanical), plus donations from other members, BITSAANA donated \$1,015,155 to India Prime Minister Cares Fund for Covid Relief, In addition, BITSA International donated \$5000 for a total donation of **\$1,020,155** from North America.

Our efforts to make **BIT a central government funded institute** is ongoing, if anything it has picked up momentum. Recently BITSAANA wrote letters and contacted the central ministers and several Jharkhand members of parliament urging them to promote the BIT upgrade cause to the education minister and the prime minister. Jharkhand government has given its strong support for this potential transition. In this newsletter we have attached the no objection letter from Honorable Chief Minister Shri Raghubar Das.

Our Annual Meet is scheduled on Saturday, August 28, 2021 @ 11 AM (ETZ)/8:30 PM (IST). More information will follow. All are requested to join.

Dr. KP Singh (1967 Mechanical) has also written a personal letter to India's Education Minister to let him know that once BIT becomes a central govt. funded institute, he will, with his own funds, open a world class technology innovation center at BIT that will attract scientists and technocrats from across the world to conduct research. Dr. Singh also pledged to pay for all expenses for five adjunct professors to be appointed by BIT. In addition, he is also going to build several state-of-the art 150+ bed hospitals in India; first one to be constructed will be in his village Barahiya



(Munger). BIT Sindri Campus is also under favorable consideration for the construction of the second such hospital. This will allow teachings of hybrid engineering and medical courses such as bio-medical engineering at BIT.

In addition, our fellow alumni Prabhat Sinha (1963 Chemical) will provide funding for hiring national level **Sports and Athletic coaches** to train BIT students. Director DK Singh informed us that the work on girls' athletic field is well underway.

We successfully completed "Year End Giving Drive". Our collection was ~ \$120,000. Many members donated. One member, Nilendu Srivastava (1966 Mechanical) donated \$101,000.

I thank all donors.

BITSAANA Donation Drive is Ongoing

Your Dollars Go for Wellness of BIT and BITSAANA.

Various ways to donate:

1. Cash donations

- a: Use PayPal, go to BIT.org, click donate button on the home page. PayPal charges up to 3% as commission
- b: Use email, Anilsinghbitsindri@gmail.com, for payments with Zelle. No commission is charged.
- c: Make check payable to BITSAANA, and mail it to Anil Singh, 3521 Grayburn Road, Pasadena, California 91107

- 2. Use funds from RMI (Required Minimum Distribution) to donate. This is applicable to those who are 72 years or older. Such donation is tax free.
- 3. Donate your stocks. Stocks have gained significantly in last 6/7 years. You can donate some of your stock holdings, again tax free, to BITSAANA.

Election (secret ballot) to BITSAANA Board of Directors is coming up. Divyanshu Raj, Vice President, has sent request for nomination for the position of "Board of Directors". Please response to the email with your nomination.

Three **Scholarship** awarded (\$1,500 each) to the children and grandchildren of BIT Sindri Alumn from BITSAANAi. This scholarship is for the students who have just graduated from high school and will be pursuing their undergraduate education in North America. Winners will be announced on August 28th. Ms. Divyanshu Raj Vice president BITSAANA has sent out information on the BITSAANA scholarships for members' children and/or grandchildren who graduated from high school and are college bound in 2021.



BITSAANA Scholarship to students of BIT: BITSAANA grants Scholarship to Four deserving students pursuing their engineering education at BIT Sindri. The winners are announced at annual day celebration at BIT Sindri in November.

BITSAANA has set endowment fund at **FFE** (Foundation For Excellence) to give scholarship to four deserving students every year. The contributors to BIT Sindri Endowment at FFE are: Dr Vijay Kapoor, Dr. Anil Singh, Mr. Prabhat Sinha, Mr. Bal Trivedi, Mr. Raj Dubey, Mr. Shree Sharma, Mr. J P Narain, Mr. Bodh Kunwar and Ramesh Yadava. In Addition, this session, Foundation For Excellence has awarded scholarships to 50 BIT students.

On behalf all BIT alumni members of North America, I thank Shri Ramesh Yadava, Editor, for putting together this Newsletter.

Stay safe and healthy.

WE ARE SECOND TO NONE





BIT Sindri Alumni Association of NA



Saturday, Aug 28th, 2021

11:00AM (EST)/8:30PM (IST)



Contact bitsaana@bitsindri.org; secretary@bitsindri.org



President, BIT Sindri Association, International

Rajat Verma
(1970 Metallurgy)

With the joint effort of Students, Faculty and Alumni BITSA INTERNATIONAL is on the path to achieve the goal of establishing **Emotional Connection between at least 15,000 Alumni and our Alma Mater by December 2021**. To achieve this goal we must have a communication platform in the form of an **“Interactive BIT Alumni Website”** for providing a common platform for Alumni, students, and faculty to interact with each other. We retained a professional organization to develop the website

I am pleased to report that the website **BITSINDRIALUMNI.org** is now fully developed and functional.

6,000 Alumni have already joined and it is my request that please take a moment to visit BITSINDRIALUMNI.org and register yourself if you have not done so already.

The organization has several initiatives in progress:

- Hired 26 interns to help alumni with connectivity as well other activities related to projects for BIT
- Laptop distribution to needy students
- Webinar to help students
- Mentoring to more than 50 students and alumni for their career guidance.
- Conducted virtual courses in Project Management, Supply Chain Management, Innovation in EVM, NPI-New Product Introduction and Entrepreneurship to the students and faculty
- Scholarship to students
- Alumni helping alumni
- Donated \$5,000 to PM care fund (In addition, BITSAANA donated \$1,015,155 for a total of \$1,020,155.)



Dr D K Singh

Director BIT Sindri

At the outset, I would like to thank all of you for your support and efforts to make B.I.T. Sindri a top rank institution again. I would like to make you aware about the recent developments of the Institute.

Our previous Government sanctioned Rs.175 crores for renovating the existing buildings and further constructions like the new Health Care Centre, Community Centre , Guest House, Transit House and 3 new hostels of 300 capacity each including a Girls Hostel. We have also inaugurated a sports ground for our girl students recently which is the first in the campus. It will promote their overall personality development.

The present Govt. under the leadership of our Hon'ble CM, Shri Hemant Soren, has again prioritized B.I.T. Sindri. It has been sanctioned for the set-up of 3 new hostels of 300 capacities each, an R&D Building comprising of around 1Lakh sq. Ft. area, a classroom complex with a student activity center. Hereby, the present govt. is also supporting in the infrastructure development of the Institute to meet the present-day academic requirements.

I would like to place before you the matters which require your support to bring the glory of the Institution back. How to make B.I.T. Sindri a top-rank Institution? How to leverage education to make B.I.T. Sindri as more vibrant in the upcoming future? As per expert's view, There are 3 conditions to excellence:

- Firstly, Assemble the very best talents, the best faculty, the best researchers, the best students and the best minds. The best minds do not grow alone; they flourish when there are other people of the similar kind. So, there must be a minimum threshold of talent right here at the Institute level. The best minds do not tolerate mediocrity. There has to be a culture of excellence. Here, I would like to divide the entire journey of B.I.T. Sindri into 3 phases.

First, B.I.T. before the J.P. Movement, the Institute was one of the top-ranked Institutions in the country. During this period, some of the students preferred B.I.T. over IITs. Best students of the undivided Bihar and some from outside the state were admitted. In that period, faculty were also from different corners of the country. After J.P. Movement, the entire administrative process like the recruitment of faculty, staff got centralized and strength of the regular faculty started decreasing gradually. Also, at that time, the maintenance of the buildings and campus were also centralized due to which the condition of the campus started deteriorating. Period up to year 2000, at the National level, only 6 IITs and few National Level Institutes



were there. Therefore, B.I.T. Sindri was able to attract the best students of undivided Bihar even with an average infrastructure during this period. But those students who missed IITs by few marks took admission into B.I.T rather than going to regional engineering colleges (the so-called NITs). After 2000, no. of IITs increased to 20, NITs more than 30 and many good private institutes /universities were established to attract students at the National level. So, students now have more options and generally prefer National Level Institutes for more exposure and recruitments. As per the recruitment policies of PSUs and other reputed organizations, they go for the campus recruitment only at National Level Institutes. Even though, we have very good infrastructure than many of the NITs and new IITs, we are not being able to attract good recruiters because of State Level status of this college.

Due to centralized recruitment process, regular faculty positions are being filled through JPSC (Jharkhand Public Service Commission, Ranchi) which takes too much time to fill the vacant positions. So, at present we have only around 30 % regular faculty working, and rest are either faculty on contract or part-time level. With this strength of the faculty, we cannot expect high level of research environment in the campus. That's why the only solution to address this problem is to get this Institute converted into a Centrally Funded Technical Institute (CFTI) like NITs or IIST, where 50% of the students are admitted through State Quota and remaining through National Level.

In this type of Institution, there is a regular advertisement for faculty and staff recruitment through which institution is in a position to maintain the quality of teaching and research. Therefore, it is my humble submission to all our esteemed Alumni to gather their resources in converting B.I.T Sindri to a National Level Institute.

Second, we have to build an environment of innovation, adaptation and change just like a business environment to promote entrepreneurial culture in the campus.

In this regard, I have to again request all our Alumni to be the part of our newly established Incubation Centre. (IC). Our IC has been ranked by GOI as one among the best 25 IC of the country in the category of Govt. level Institutions. Here, we expect your active participation directly or indirectly in collaboration with our new incubates or your direct presence as incubates. We also want sponsorship for our Hackathon activities to attract students working on challenging problems of the industries and societies. In this way, with your financial support or collaboration, ideas of the students will be converted into a product or services.

We have established Centre of Excellence Labs based on the requirements of Industry 4.0 in collaboration with SIEMENS INDIA Pvt. Ltd. with an MoU for comprehensive warranty and training facility for 3 years. Our Contract is now terminated, and we are not in a position to directly extend the AMC for additional 3 years for training and maintenance of the equipment. This Centre has been well appreciated by Industries and Institutions like IIT (ISM) Dhanbad and NITs . We have provided training not only to the students of B.I.T. Sindri but also to the students of other Institutions of the State. We also need your support in establishing some more labs as per Industry needs to promote research, quality teaching and consultancy. We also expect some support from your end to hire adjunct faculty from reputed Universities/ Institutions and Industries. These adjunct faculty will be mostly Alumni of the Institute who are either retired or working in some top-level organizations. Your support is also required in hiring sports trainer, career development counsellor and other consultant to make our students ready for the Industries.



• Finally, engage all the stakeholders like Alumni Association in making B.I.T Sindri a top-ranked Institution of the country. To make any institution a top-ranking Institution, active participation of the Alumni is highly required at the department level and Institute Level. For this, we need mentors, trainers and consultant among the Alumni to achieve this point. We would also like to mention here that to create a research culture in the campus, faculty and student need to publish their research findings in top ranked journal of the world. (SCI& SCOPUS). I think some financial incentives for publication in top ranked journal and Industrial projects will build a research culture in the campus. So, with these words I am once again thankful to all the Alumni around the world and especially BITSANA for their continuous support and encouragement.

Thank you and stay Safe.

**The Team of HOD under leadership of Director Dr. D K Singh
Taking Bit Sindri on the path of Second to None.**



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From the Desk of HoD Production & Industrial Engg. BIT Sindri
Prof. (Dr.) Prakash Kumar

In 1955, BIT Sindri was the first to start 'The Department of Production Engineering' in Asia, an integrated B.Tech. course comprising of manufacturing technology, engineering science and management science. In these 65 years, ever since it was started, our department has been consistently able to build connections with R&D organizations, consultancy corporations, several well-driven industries, and academic institutions across boundaries. The goal is to provide quality education and create an environment for research and innovation.

Production engineering encircles the application of castings, machining and joining processes, metal cutting and tool design, metrology, automation, robotics, optimization techniques, inventory management, supply chain and other competitive manufacturing strategies. Well-equipped laboratories are our support system. They ensure that we deliver the best. Our collaboration with SIEMENS has paved a way to 3D printing, Advanced Manufacturing lab, Robotics Lab, CNC machines and several other advanced labs for students to learn and apply. Our department is supplemented with well qualified professors, actively engaged in research and development.

Besides the lucrative academics, our students are constantly involved in research, trainings, seminars, conferences and various projects on design, development and operation of manufacturing systems, which in turn ensures their all-inclusive growth. The well-built alumni base in itself validates the department's efficiency.



BIT Sindri

Dhanbad, Jharkhand

828123 Annual Calendar

Activities for IIC 3.0

(Session 2020-2021)

Activities Executed by Institution's Innovation Council and Start-up Cell, BIT Sindri, Dhanbad (IIC 3.0)

Sl. No.	Name of Activity	Speaker/ Facilitator	Date	Venue	No of Participants - Details	Outcome of the activity	Expenses incurred
1.	नवउज्ज्वल e-Innovation Hackathon	Judges for the event: Mr Vivek Gupta Mr. Vinay Singh Dr. S C Dutta Mr. Ashwini Kumar	4 Aug. to 6 Aug. 2020	Online	40 Team participated	Problem Statements on the Innovation Challenges	NA
2.	Webinar on “Design Thinking and Artificial Intelligence” Organized by the Production Engineering Department in association with Institution's Innovation Council	Dr. Pranjal Kumar Phukan	11 th Aug. 2020	Online	57	To lead innovations in Artificial Intelligence. Design thinking principles and process inspires students to ask questions and probe deeper into the problem statement and its possible solutions	NA



3.	“e-Commerce enabled solutions through Government e-Marketplace (GeM)” Organized by the Production Engineering Department in association with Institution's Innovation Council	Dr. Pranjal Kumar Phukan	13 th Aug. 2020	Online	48	To get to know about the Highlighting Features of Government e-Market including Make in India Support, its Security & Safety and Cost Efficiency To The Government	
4.	Online course on Introduction to Entrepreneurship (ENT 201/603), IIT Bombay Organized by IIT Bombay Department in association with Institution's Innovation Council, BIT Sindri	Prof. Anand T. Kusre Prof. Raj Jaswa, Desai Sethi School of Entrepreneurship, IIT Bombay, Mumbai Mr. Ramesh Yadava Former President, BITSAN	10th August 2020 to 02nd November 2020	Online	20	The participants get to know about basic elements of Entrepreneurship. 6Cs that motivate entrepreneurs are Change, Challenge, Creativity, Control, Curiosity and Cash. Tough competition. Unfavorable environment, To create public demand, To enhance creativity and To increase productivity are some of the role of Entrepreneurship.	NA
5.	IP Literacy Week Organized by MOE's Innovation Council		15th Oct. to 23 Oct. 2020	Online	40	‘KAPILA’ Kalam Program for Intellectual Property Literacy and Awareness campaign was virtually launched on the 89th birth anniversary of former President and Scientist, Late Dr. APJ Abdul Kalam and marked as the ‘National Innovation Day’.	



6.	Methods of Exploring and Capturing values from Indian Agriculture and Health Sector Organized by MOE's Innovation Council	Prof. Anil Sahasrabudhe, Chairman, AICTE Shri A B Shukla COO, IKS, AICTE	3rd November 2020	Online	40	To understand the integration of innovation in Indian knowledge system To explore the agricultural and Health sector. To understand innovation in light of the Indian value system Learning the functioning of Agriculture and Health sector. Innovation and evolution taking place in Indian value system.	
7.	Social Entrepreneurship Organized by Mahatma Gandhi National Council of Rural Educator (MNGRE), Hyderabad Department in association with Institution's Innovation Council, BIT Sindri		27th Nov. 2020	Online	50 participants (teams)	Basic understanding of Social Entrepreneurship along with Case for Definition, potential benefits offered by social entrepreneurship	NA
8.	Idea Pitching Session Organized by Institution's Innovation Council, BIT Sindri	Venerate entrepreneurs: Mr. Ramesh Yadava, Mr. Gaurav Kumar Singh, Mr. Ravi Singh Choudhary, Mr. Sumit Kumar, Mr. Prafulla Kumar, Mr. Anil Singh, Mr. Rajat Verma, and Mr. Srijan Manish	12th of December 2020	Online	11 start-up (Idea Pitching)	11 start-ups have present their startup in front of Venerate entrepreneurs.	NA



9.	National Hardware Hackathon-2020 Organized by: Model Club in association with Institution's Innovation Council, BIT Sindri		23rd - 24th December, 2020	Online	77 team were participated in the Hackathon	*Identifying new domains of science to explore the business. *Getting new ideas to develop new tools and techniques.	
10.	A seminar on Innovation, Technology Transfer and IPR protection Organized by Innovation & HOC, NVCTI Indian Institute of Technology (Indian School of Mines), Dhanbad		December 29, 2020	Online	1 participated		
11.	A seminar on National Innovation and Startup Policy Organized by Innovation & HOC, NVCTI Indian Institute of Technology (Indian School of Mines), Dhanbad		December 30, 2020	Online	1 participated		



12.	Start-up awareness Programme- Start-up Induction for 2020 B.Tech. batch Organized by Institution's Innovation Council, BIT Sindri	Dr. Parkash Kumar President Institution's Innovation Council, BIT, Sindri	03 Jan 2021	Online		Awareness about the start-up activity and the start-up currently getting incubation at BIT Sindri , about incubation center of BIT Sindri	
13.	Workshop: i-Create, Technology Business Incubator, Ahmedabad	Director, BIT Sindri, Dr. Parkash Kumar President, IIC 3.0, along with other faculty members and i-Create Team Members, Mr. Anupam Jalote, Mr. Siddharth Pareek, Mr. Parag	17 th March 2021	Online	Workshop with i-Create to develop Entrepreneurial Culture in BIT Sindri	Startup Ideas and business proposal of BIT Sindri, Dhanbad, Jharkhand	
14.	Talk on- From your Ph.D./ Masters Thesis to a start-up Channel: MHRD Innovation Cell	Session Chair: Prof Anil D. Sahashrabuddhe, Chairman, AICTE, Speaker: Dr. Anand Deshpande, Founder and CMD, Persistent Systems	23 rd April 2021	Online	60 Participants	Awareness among M.Tech. & PhD Ph.D students for entrepreneurship and Innovation	



15.	NAVONMESH (Night Quiz and Ace the Analytics)	Facilitators: - Dr. Prakash Kumar (President IIC 3.0) along with other members, Aman Garg, Abhinav Kr. Sah, Roshan Kr. Rajak	24 th April 2021 – 28 th April 2021	Online	132 Participants	Major activities were: Innovation Quiz, Decisions making and Management games. The event provided the opportunity for students to explore the business world	
16.	Workshop on Project Management Organized by Production Engineering Department and Institution's Innovation Council, BIT Sindri in collaboration with BITSAANA	Mr. Prafull Kumar, Mr. Anand Shreekar, Mr. Ujwal Ritwik, Mr. Amit Kumar, Mr. Anil Kumar Jha, Mr. Pranjali Phukan, Mr. Pravin Gohil, Mr. Jan Verma, Mr. Ramesh Yadava	22 nd to 24 th May 2021	Online	313 Participants (Students and Faculty Members)	<ul style="list-style-type: none"> ➤ Topics Covered: Different stages of Project, Project Constraints, Responsibilities of project manager ➤ Project scheduling techniques, PERT, CPM Models ➤ Budgetary aspects and Project Productivity ➤ Environmental, Health & Safety considerations in project ➤ Case study of Industrial/Engineering projects, R & D Projects, Turnkey projects ➤ Project performance monitoring techniques, Project Staffing Requirements, Resource engineering ➤ leveling. Project Documentation, Computer Application in Project Engineering and Risk & Sensitivity Analysis 	



17.	Webinar on Entrepreneurship And Innovation as Career Opportunity Organized by Institution's Innovation Council, BIT Sindri	Director, BIT Sindri, Dr. Parkash Kumar President, IIC 3.0 Eminent Speakers:- Mr. Gaurav Singh Mr. Srijan Manish Mr. Ravi Singh Choudhary Mr. Divyanshu Sinha Mr. Karan Raj Mehta	7 th June 2021	Online	252 Participants (Students and Team Members)	<ul style="list-style-type: none"> The event provided us the opportunity learn more about this vital topic it also helped us to get a very insightful and encouraging knowledge which will help all of us in our near future. The points are beautifully discussed by Gaurav singh sir. Srijan Manish sir make us aware of the process that is needed to start any start-up. The impacts and importance of social entrepreneurship was beautifully framed by Ravi Singh Choudhary sir. The topics covered by Divyanshu Sinha sir and Karan Raj Mehta sir wad very important and insightful for every Student aspiring to be an entrepreneur. The session was a complete package of knowledge and experience That made the students aware about this vital topic. 	NA
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**From the Desk of Dean of Alumni Affairs, BIT Sindri
Dr. Ghanshyam Rai**

Dear Alumni,

It's my great pleasure to inform you that BIT Sindri honored me to serve as Dean Alumni Affairs of this esteemed organization. I warmly welcome all BIT Sindri Alumni. Our core mission is to engage all alumni for life. Whether you graduated some seven decades ago or half year ago, BIT Sindri and BITSAA is committed to building and reaffirming the ties connecting the 30,000+ members of alumni family to each other and your alma mater.

As I hold on this responsibility, my main objectives are to promote close relations between the Institute and its Alumni, promote the interest of the Alumni in the affairs of the Institute, ensure that programmes are initiated and developed for the benefit of the Alumni and the Institute, and to assist the Institute in its development and pursuit of academic excellence. "Like branches of a tree, our lives may grow in different directions, yet our roots remain as one!"

Your distinguished achievements have made us all proud. Your unique, sustained and dedicated efforts has brought new heights to your esteemed organization by giving them new dimensions. The honours received by you reflects your unique personality. We nurtured you in your glorious period during BIT Sindri and you brought laurels to us by your outstanding achievements and accomplishments.

Our alumni have never missed an opportunity to make us proud. It is "Two-thirds of the world is covered by water, the rest by BIT Alumni." The bond we shared has always been very special. I heartily extend my best wishes for your achievements and wish you all a bright future.

Keep us informed of your accomplishments and milestones, it can inspire the lives of students today who are destined to be the leaders of tomorrow. Through the generosity of our alumni, we can help BIT Sindri to become a World-Class University. As alumni, you have the responsibility to ensure that the degree(s) received retain value and relevance for subsequent generations of students.

There have been several initiatives undertaken by our esteemed alumni for the students, the faculty and the overall development of the institute. The Laptop Distribution Drive (an initiative by Mr. Aaloka Anant and Mr. Rajendra Choudhary through Anant Prayas) to provide laptops to the financially weaker students is really igniting the dreams of several students to achieve the unachievable. BIT Sindri Association International is committed towards helping the student community by providing internship to 26 students. The budding entrepreneurs and their ideas are being nurtured by our alumni. There have been several National and International Conferences by our Alumni which have enabled the students as well faculty members to enrich their horizons and gain the necessary exposure to take the giant leap of making a historic contribution to the global community. The Industry-Institute Interaction Cell also benefitted a lot by the grace of our alumni. Student mentorship programme is also helping several students in their respective domains. Various scholarships are being provided to the students on merit cum means by our alumni. Our alumni have stood with our students, faculties and their families during the toughest of times.



As Dean Alumni Affairs, I thank you from the bottom of my heart for the numerous initiatives undertaken and contributing towards the success story of the institute the official Alumni Network(www.bitsindrialumni.org) which was launched recently under the guidance of Mr.Bal Trivedi, Mr.Rajat Verma, Mr.Prafull Kumar, Mr.Srijan Manish and other members of BITSA International along with the valuable contributions from Mr. Abhay Kumar and Payal Priya, is a golden gift to our Alma Mater. The alumni platform can help you stay connected to your friends, batchmates, alumni from different batches settled in different geographies of the world. It could also connect you virtually to the vast resources available here, from the faculty that taught and guided you, to our libraries, seminars and symposia, webinars, websites, social media and an extraordinary variety of “stay connected” programs designed with you in mind. They are all designed to support you as you pursue your post-academic life and career. There is much that BIT Sindri can do for you throughout life and much that you can and are encouraged to do in support of your alma mater. I urge you to return to campus, speak to student groups and provide career insights, help mentor a student, attend a sporting event and cheer our coaches and student-athletes, use our library and gymnasium. If you value what your BIT Sindri experience has provided and want to give something back, there are several ways to contribute by giving your time, talent or treasure. We are extremely grateful for those of you who have and continue to do so. I invite all alumni to become more engaged by sharing their time, talent or treasure to ensure that BIT Sindri remains the go-to academic institution for the future generation of students.





Chandan Kumar
2015 Comp Sc

Two Day Seminar was organized by Dr Ramjee Prasad at Arhus University. Dr. K P Singh was the keynote speaker and he talked about importance of educational institution and Industry working together. He emphasized on project-based learning. BIT Sindri Director Dr D K Singh talked about the growth and forming relationship with local industry. Dr Prakash kumar (HOD Industrial and Production Engg), Mr Chandan Jha and Dr Uma Kant Jha presented their paper. BIT session was chaired by Mr Ramesh Yadava.

INTERNATIONAL SYMPOSIUM 7 – IN - 1

Online Event – Free of charge

Theme: “Chitt-Kaya Nivesh Sthann (CNS) / Abode for Mind and Body”



Venue: CGC, Innovatorium, Room 209, AU, Birk Center Park 40, 7400 Herning, Denmark
Date: June, 21-22, 2021

The Overall Objective of the Symposium 7-In-1 is to open discussions on innovation and its commercialization through a strong partnership between industries and academia as well as on modern practices and methodologies in cross-/multi-/interdisciplinary areas such as social science, technology, Business Canvas and so on. The novel, innovative solutions for the inherited and current problems will be examined to have a discrete system of work to be followed. The symposium will create an atmosphere for socialization among participants and on the popular happenings in the Digital World. It will also provide a platform for different sectors to look for new initiatives for defining project proposals.

- **17th CTIF Global Capsule (CGC) Annual Workshop**
- **5th BIT (Birma Institute of Technology) SINDRI ASSOCIATION (BITSA) International World Connect**
- **37th GISFI Standardisation Series Meeting (GSSM)**
- **2nd International Conference of Capacity building and ExchaNge towards attaining Technological Research and modernizing Academic Learning (CENTRAL)**
- **2nd GreenBizz Workshop**
- **Twinning action for enhancing capacity and research excellence in holographic telepresence systems as a catalyst of digitalization (HOLOTWIN)**
- **Wireless World Research Forum (WWRF)**

Partners:





Dr. Neil Pundit (1961 Tel. Com.)

The closeness to BIT Sindri, the dream of going back to institute, the vision to make BIT “Second to None” is ingrained in our beloved Dr. Neil Pundit, with determination to use knowledge gained at BIT, in exploring Mars, landing on the moon and many other NASA’s space programs, to make his vision a reality.

Graduating from BIT Sindri in 1961 with degree in Tele Communication, Dr Neil Pundit came to USA to pursue PhD. On completion Dr. Pundit joined the Jet Propulsion Lab (JPL) in Pasadena, California. He worked on Mariner Program and mission to moon.

His inner voice directed him to BIT his beloved institute. And he started actively participating in BIT Sindri Alumni Association of North America (BITSAANA). He knew that he can achieve the goal to bring back the glory to BIT only if BIT Sindri Alumni association was strong. He was elected President of BITSAANA, and he single handedly took on the mission to bring all the BIT alumni in North America together. He travelled Florida to Boston, New York/New Jersey to San Francisco, Chicago to Houston, Seattle to Los Angeles, and Miami to Toronto/Montreal, Dubai to Denmark, finding alumni and educating them why we should be together and jointly work to make BIT Sindri Second to None. He put the BITSAANA administration almost on “auto pilot” so that future executive committee will have easier to manage BITSAANA.

After increasing the alumni base of BITSAANA, he took on the task of reaching out to director, students, faculty and staff of BIT to find out the challenges they face by experiencing first hand. He soon found out that Jharkhand Government has to be made aware of the importance of BIT, and how the institute can help to improve the economic standard of the state. He teamed up with various alumni in India and as a team visited with bureaucrats at Ranchi. The message of Dr. Neil Pundit was spreading and a meeting with Chief Minister of Jharkhand was setup. And Jharkhand government approved INR~160 Cr for the development of BIT Sindri to be in line with institute of national importance.



These efforts set the path for BIT to become Second to None, and Honorable Raghubar Das, then Chief Minister of Jharkhand, issued the “No Objection Certificate” requesting Central Government to make BIT a central government funded institution.

Dr Pundit felt that all the BIT alumni associations were fragmented and there is no single voice for alumni. So he formed BIT SINDRI Association International (BITSA International) with a vision to bring all the alumni across the globe and its constituents together under one umbrella. The organization has taken the task of “BIT Alumni Connectivity” and has successfully connected over 7,000 Alumni.

This effort energized all the alumni chapters and our beloved institute. BIT Sindri Alumni Association (BITSAA) is now well underway to harness the energy of all the chapters and its alumni towards making BIT Sindri “Second to None”

Thank you
Dr Neil Pundit





रघुवर दास
Raghubar Das



मुख्यमंत्री
झारखण्ड सरकार
Chief Minister
Govt. of Jharkhand

अ.सं.प.सं. 3900329
दिनांक: 29/10/2019

आदरणीय श्री रमेश पोखरियाल 'निशंक' जी,

झारखण्ड राज्य के धनबाद जिला में संचालित अभियंत्रण महाविद्यालय बी०आई०टी० सिंदरी की स्थापना 1949 में हुई थी। यह संस्थान लगभग 450 एकड़ में फैला है। संस्थान में बी०टेक० एवं एम०टेक० स्तर के 10 कोर्स में कुल 3200 छात्र-छात्राएं अध्ययनरत हैं। इसके अतिरिक्त संस्थान में Ph.D कोर्स भी संचालित किया जाता है, परन्तु इसके Centrally Funded Technical Institution (IITs, NITs, IISTs आदि) नहीं होने के कारण संस्थान के मेधावी छात्रों को Campus Placement के माध्यम से सीधे PSU Join करने के अवसर से वंचित होना पड़ता है। इसी प्रकार Google, Microsoft, Intel, Oracle, Tata Steel आदि बड़ी कंपनियाँ भी मात्र Centrally Funded Technical Institution एवं राष्ट्रीय स्तर के संस्थानों में ही Campus Placement हेतु जाती हैं।

राष्ट्रीय स्तर के संस्थान होने की स्थिति में इस संस्थान में राज्य के विद्यार्थियों के साथ-साथ देश के अन्य राज्यों के विद्यार्थियों को भी संस्थान में पढ़ने एवं शोध का अवसर प्राप्त होगा, जिससे उनमें राष्ट्रीयता की भावना का संचार होगा। विश्वविख्यात विश्वविद्यालयों में Credit Transfer Scheme के तहत पठन-पाठन एवं शोध का अवसर प्राप्त होगा। साथ ही, संस्थान के शिक्षक भी Exchange Program के अधीन अपना ज्ञान वर्धन कर सकेंगे, जिसका सीधा लाभ संस्थान के अध्ययनरत विद्यार्थियों को प्राप्त होगा।

इस संस्थान का गौरवशाली इतिहास रहा है। यहाँ के पूर्ववर्ती छात्र (Alumni) देश-विदेश में उच्च पदों पर कार्यरत हैं। साथ ही, अपनी सेवा से संस्थान का नाम रौशन कर चुके हैं। कई प्रतिष्ठित औद्योगिक प्रतिष्ठानों का मुख्यालय/क्षेत्रीय कार्यालय भी धनबाद के आस-पास स्थित है, जिससे छात्र लाभान्वित होते हैं। वर्तमान में यह संस्थान झारखण्ड प्रौद्योगिकी विश्वविद्यालय, राँची की एक संबद्ध इकाई है।

उल्लेखनीय है कि देश का प्रथम आई०आई०टी० की कल्पना के साथ बी०आई०टी० सिंदरी की स्थापना की गयी थी, परन्तु दूरदर्शिता के अभाव में इस दिशा में कोई सार्थक पहल नहीं की जा सकी। यह संस्थान मानवबल एवं स्वायत्तता के अभाव में राष्ट्रीय एवं अंतर्राष्ट्रीय स्तर के तकनीकी शिक्षण संस्थान की ऊँचाई पर पहुँचने में सक्षम नहीं हो पा रहा है। इसलिए इसे उत्क्रमित कर राष्ट्रीय स्तर का एक तकनीकी शिक्षण संस्थान बनाया जाना आवश्यक हो

3, कान्के रोड, राँची-834008/ 3, Kanke Road, Ranchi-834008
दूरभाष/Tele.-0651-2280886, 2280996, 2400233 एवं 2280717, 2400232 (Fax/फैक्स)
Email- cmjharkhand.rnc@gmail.com



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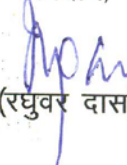
गया है, ताकि इसके संरचना एवं शैक्षणिक क्षमता का पूर्ण सदुपयोग राष्ट्र निर्माण एवं देश के विकास हेतु हो सके।

विदित हो कि Bengal Engineering & Science University, Shibpur की स्थिति भी एक समय में बी०आई०टी० सिंदरी, धनबाद की तरह हो गयी थी एवं आपके मंत्रालय द्वारा जब इसे उत्क्रमित कर Indian Institute of Engineering, Science & Technology, Shibpur में परिणत किया गया तो इसकी गिनती अब देश के उच्च Ranking वाले संस्थानों में होने लगी है।

अतः आपसे अनुरोध है कि बी०आई०टी० सिंदरी, धनबाद को भी स्वायतता प्रदान करते हुए इसे उत्क्रमित कर एक Centrally Funded Technical Institution में परिणत करने हेतु समुचित कार्रवाई करना चाहेंगे।

सादर,

भवदीय,


(रघुवर दास)

श्री रमेश पोखरियाल 'निशंक'
माननीय मंत्री,
मानव संसाधन विकास मंत्रालय,
भारत सरकार,
कमरा सं०-३, 'सी' विंग,
तृतीय तल, शास्त्री भवन,
नई दिल्ली-110115



**BIT delegation met Shri Amit Khare, IAS, Principal Secretary, Jharkhand Government in November 2017.
(From Left: Shri Rajendra Chaudhary, Shri Amit Khare, Dr. Anil Singh, and Dr. Neil Pundit)**





Jayden Kunwar Earns CoSIDA Academic All-District Honors

Jayden is studying at Johns Hopkins and is Grandson of Mr Bodh Kunwar (63 Electrical) and Mrs. Chitra Kunwar.

BALTIMORE, MD – Johns Hopkins water polo junior [Jayden Kunwar](#) has been named to the CoSIDA Academic All-District Team it was announced today. The CoSIDA Academic All-District Team recognizes the nation's top student-athletes for their combined performances in athletic competition and in the classroom.

To be eligible for CoSIDA Academic All-District honors, a student-athlete must have at least a 3.30 cumulative GPA, be a sophomore or above and a starter or significant reserve. Jayden will advance to the CoSIDA Academic All-America ballot with the Academic All-America Teams set to be announced August 4. The At-Large Program includes athletes from the following sports: fencing, golf, gymnastics, ice hockey, lacrosse, rifle, skiing, swimming, tennis, volleyball, water polo and wrestling.

The Blue Jay water polo program has now produced eight CoSIDA Academic All-District selections. Seven of those have come since the 2009-10 academic year.

Kunwar boasts a 3.92 cumulative GPA as a computer science major. He earned Second Team All-America honors in 2019 after pouring in 99 goals and 126 points. He also drew 48 ejections and won 34 sprints in leading Hopkins to the USA Water Polo national semifinals. Kunwar ranked third in the nation in goals and seventh in points in 2019 – Hopkins did not compete this year due to CoVID-19. His 99 goals are the third-most in school single-season history while his 126 points are the fourth most. He already ranks in the top-25 in program history in career points (163), goals (133)



and ejections drawn (67).

Kunwar is currently working as a summer analyst at General Atlantic after serving as a summer investment analyst at SoftBank Investment Advisors last summer. He is also a managing partner of A-Level Capital, leading a team of more than 20 undergraduate at a student-run VC firm. In the summer of 2019, Kunwar worked as a research and development engineer at Benvenue Medical.



CoSIDA Academic All-District® Team Award



Our Alumni on the path of Philanthropy **Mr. Shree Sharma (63 Chemical)**



The economic development of his native village and surrounding area has been in his dream. He had committed to himself to facilitate the economic development of his native place and the state of Bihar. After lots of brainstorming with various experts all around, he started the quest to seek the project which will keep on bringing prosperity and streamflow of revenue for generations.

Looking at the Gandak and Ganga River merging and closing his eyes, he imagined a big statue of Lord Shiva and thousands of devotees coming to get the blessings. Right then Mr Sharma found his mission and goal. Build a largest Statue of Lord Shiva which can be seen from miles away, which will be blessings the visitors who look out of window from airplane which is getting ready to land or have just taken off from Patna airport. The Project is under construction over 100 workers working on the seven-day schedule target completion date of Dec 2022.

Implementation of unique innovation which the statue will last for over 1000 years or more and it will never require painting.

After the completion of statue, plan is to build 3 dharamshallas, a Disney theme park and to build over 700 toilets to assure sanitation. We estimate that some 1 crore visitors annually and if they even spend Rs 100 it creating 7-8,000 local jobs for decades to come.

The funding is from Sharma Family Foundation so please wish him luck and keep your best wishes coming his ways.

This will put our Bihar on a beautiful map. **Mr Shree Sharma says “My focus is to have College, High School, Girls high School, food processing promoting entrepreneurship and BIT Becoming Second to None”**



Ravi Bhushan Sahay (1967 EE)
May You BE Healthy
URL: Ravisahay.com
Projectwellbeing.org

Mr Ravi Bhushan Sahay (1967 EE) has dedicated his life to share his knowledge and experience to maintain good health and healthy life style. His latest book “May You BE Healthy” was just published j Having experienced profound healing from severe ailments including heart disease, sinusitis, eczema, etc., shares simple but disciplined lifestyle changes based on ancient Ayurvedic and modern microbiome principles for prevention and cure of chronic conditions.

“Some people write books, but this one was written by a soul, a soul with his hand extended, wanting and willing and quite capably able to lead those who seek higher levels of health to do so.”

— Scott Walker, DC, Founder of Neuro Emotional Technique & Founder of ONE Research Foundation

Ravi humbly offers this book to empower, transform and revitalise the lives of all—young or old, male or female. May this book be an instrument in the much needed transformation of our healthcare system.

Ravi Sahay exemplifies the power of lifestyle changes through Ayurveda and the systems to approach healing and prevention for chronic conditions through the West's applied physiology.

Ancient Indian Ayurvedic wisdom and the recent discovery of the microbiome have allowed Ravi to take the love of economics and math, which he's taught for years at the University of Phoenix, and translate it to enhance others' lives by regaining power in health challenges through this ancient wisdom.



Dr. Jay Narain (1964 Mechanical) was born near Arrah and brought up in Dhanbad. I graduated from BIT, Sindri in 1964 with a BE degree in Mechanical Eng. He did my M.S. In M.E. in 1966 and Ph.D. in 1970 in Aerospace Eng. from University of Colorado. Mostly worked in Aerospace Industry in US and retired in 2010. Spend his time learning new things like painting, Artificial Intelligence and writing poems and simple game programs for kids. H participate in charities and donate generously for the betterment of future generations. He has written over 300 poems, and published a book of his poems.



Distant Friends

Dr J P Narain (1964 Mech)



**Once the friends we were,
We laughed together, we cried together,
We played together, we dream together,
We enjoyed good times together, we overcame the bad times together.**

**Now that we live miles away,
I think of you, think of our times together,
Should distance ever matter?
Because you are in my heart forever.**

**Sometimes when I feel lonely,
I get swept away by the memory of your friendship,
You were a friend in need, a friend indeed,
You made my nightmare and sorrows vanish with ease.**



When you were near, I never said how good friend you were,
Even now from a distance, I don't need words to describe it,
The language of friendship is not words, but its meanings,
It is a feeling which does not require explaining.



Barmeshwar Rai (1977 Civil) retired from his job with City of Inglewood. In the past several years he was in the management responsible for the construction of the new football stadium, future home for Los Angeles Rams and Los Angeles Chargers. He writes poems and Shaiyari. He lives in Long Beach California.



Barmeshwar Rai

विचार जब थम जाये विलुप्ति के कगार पर,
रुक मत, कलम उठा, प्रहार कर, प्रहार कर.

जड़ चेतन के संगम से ही, सोंच पनपती है,
स्थिर हिमशिखरों से ही, गंगा निकलती है.



सरल साधारण घटनायें ही समय का रुख बदलती हैं,
शून्य के आसपास ही सम्पूर्ण सृष्टि विचरती है.

पेड़ से टपकते सेव ने गुरुत्वाकर्षण का सिद्धांत दिया,
पत्तीले से उठती भाप ने, स्टीम इंजिन का सौगात दिया.

साँसों के साथ ही तेरा चिंतन रुक जायेगा,
खाली दिमाग क्या तू उपर लेकर जायेगा.

शब्दों को आकार दे, आकृति बन जायेगी,
सोंच को बस सही दिशा दे, उपलब्धि बन जायेगी.

AroundCampus



BIT Sindri known for brainy students & now yoga too



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 ॥



BISAANA Board 2019-2021

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Vice President: Ms Divyanshu Raj	(91Met)	New Jersey	Divyanshu_r@yahoo.com
Secretary: Ms Alka Singh	(91 E&C)	Massachusetts	Alkashekhar@yahoo.com
Treasurer: Dr. Anil Kumar	(67 Mech)	New Jersey	Anil@xpresslending.com

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Note: We will love to hear from you on BITSANA Donation Drive and this newsletter. Please forward your comments and questions to editor@bitsindri.org