



BIT Sindri Alumni Association of North America (BITSANA)



चारों ओर करें कर्म हम, होगा बी आइ टी का नाम,
देश को दें चलने का ढंग, हर ओर फैलाएँ ज्ञान का रंग ॥

August 31, 2022



Editor BITSAANA Newsletter

This issue of BITSAANA newsletter provides some insight with respect to the progress made by our alma mater in achieving higher excellence in education. We have updates on academic improvement and improvements in placement of graduating class. We have highlighted BITSAANA's role in assisting the institute where it's most needed. BITSAANA has committed to funding of hired adjunct professors on a continual basis and will provide funds to the institute where government funding is non-existent or insufficient. We have discussed research projects and how the alumni based in North America can help? We have highlighted some of our alumni that have made the difference and inroads to success in very difficult areas. BITSAANA has carefully evaluated the NIRF ranking process and highlighted areas where improvements are imminent and achievable. Last but not the least, BITSAANA newsletters continue to inform our alumni community about social events, fund drives, get-togethers, and outstanding achievements of BITSAANA members, their children and grandchildren. Some outstanding poem, prose, and poetry have been written by some BITSAANA members and included in this issue. As Editor of your newsletter, I urge you to get involved by becoming life members of this vibrant alumni association and give us the benefit of knowing you personally by sharing with us the alumni events and news from your part of the country. As your editor it is incumbent upon me to explain to you that although BITS receives 100% funding from government of Jharkhand, there are many programs that are not funded and some of these programs are critical to improve overall NIRF ranking of our institute. The notion that our BIT receive 100% of its funding from Government of Jharkhand therefore why collect donations is far from reality. As you can see in this newsletter how BITSAANA provides financial support to the institute where there is no conflict of interest with the Government of Jharkhand. BITSAANA's drive and passion are driven by our slogan that WE ARE SECOND TO NONE.



Please seek out to our Board members for alumni news, events, and chatter. BITSAANA would love to hear from you.



Editor's Note

Highlights of this issue are:

In This Issue we cover:

- State of the union from the Director of BIT Sindri with updates on placement and career development
- NIRF Ranking of BITS and BITSANA's perspectives
- Message from BITSANA president and vice president
- BITSANA annual events in the US and sponsored events on BIT campus
- Alumni Making a difference
 - Kris Pal Singh
 - Shree Sharma
- Profile of our outstanding Alumni Ramesh Yadava
- Prose and poetry composed by BITS alumni

Visit Our Web page: [http:// www.bitsindri.org](http://www.bitsindri.org)

Contact email: editor@bitsindri.org

BIT Sindri Update with emphasis on:

- *Record Placement of final year students and initiatives taken by BIT Sindri Staff*
- *Establishing a full-fledged career development center on campus*

Guidelines to Improve the NIRF ranking of the institute and BITSANA's perspective

Entrepreneurship opportunities

Entrepreneurship/Startup Projects at Incubation Center, BIT Sindri

Outstanding Achievement in the field of Indian Arts and Culture by alumni children (Yana Verma)

Prose and poetry composed by two of our outstanding alumni members

BITSANA Scholarship awards

Outstanding Alumni (Ramesh Yadava) and his dedication to community service

Messages from BITSANA president and vice-president

Progress made in establishing BIT Endowment Fund



BITS UPDATE

The following write up has been summarized form BITS update provided by our BITS Director Dr. D. K. Singh. Two areas of immense importance that will affect the future of BIT Sindri are placement of students and career development training of students. These are highlighted below.

PLACEMENT

The high placements this year added a feather to the institution's cap as it was achieved during the pandemic.

BIT SINDRI placement process for batch of 2018-2022 B. Tech was phenomenal. This batch of graduates recorded average salary offer of Rs 6.5 lakh per annum. The top 10 percent of the class bagged lucrative offers with salary package of Rs 9.4 lakh per annum. The average package of top quartile stood at Rs 7.2 lakh per annum while the median salary was Rs. 5 lakh per annum. The highest salary offer stood at Rs. 44 lakh per annum which was made in IT sector by Amazon.

The BIT SINDRI placement process of 2022 witnessed participation from 65 renowned companies from various sectors that made 800+ offers. Companies such as Amazon, Google, D. E. Shaw & Co., Deloitte, Wipro, TATA Steels Ltd, Vedanta, JSW Steel Limited, TATA Power Ltd, Aditya, Birla Group, TATA Technologies and L&T made maximum offers in placement drive 2022. This year 12 students of our institute also got selected in the MITACS research fellowships and students got internship opportunity in companies such as Microsoft, TATA Steel, ISWPL, TSLP, Samsung, Schlumberger and many more. We are glad to inform that BIT Sindri has achieved record placement for the session 2021-2022. This year's placement session witnessed an exponential rise in the placement offers and internships to the students which itself is a testimony to our growing belief in the corporate world. This year 12 students at our institute were selected for the MITACS research Fellowships and some students got internship opportunity in companies such as Microsoft, TATA Steel, ISWPL, TSLP, Samsung, Schlumberger and many more.

Placement Growth over Years: This year students got a total of 805 Placement offer, highest ever in BIT Sindri: 380 more placement offers than the previous year which is many more than normal yearly growth in placement that Bit has experienced.

The Mitacs Globalink Research Internship is a competitive initiative for international undergraduates from the following countries and regions: Australia, Brazil, China, France, Germany, Hong Kong SAR, India, Mexico, Tunisia, United Kingdom, and Ukraine. From May to October of each year, top-ranked applicants participate in a 12-week research internship under the supervision of Canadian university faculty members in a variety of



academic disciplines, from science, engineering, and mathematics to the humanities and social sciences. Receiving 12 such fellowships is a matter of great pride for BIT Sindri.

CAREER DEVELOPMENT CENTER

BITS now has full-fledged Career Development Centre (CDC) on campus that is a resource center of information, guidance, and counselling. CDC aims to groom students overall and make them placement ready. It provides substantial guidance for all the opportunities ahead of them. The CDC conducts many activities. It can be broadly categorized into four major areas.

CAREER INFORMATION where information on professional development courses, higher studies available In India and abroad are provided. This is a Knowledge-sharpening tool for students and keeps them interested in planning for a satisfying future.

CAREER ASSESSMENT where interpretation of career and psychometric assessments tools such as DAT, strong Interest Inventory, etc. are provided.

CAREER GUIDANCE AND COUNSELLING where Career Counseling, Group Counseling, Personal Counseling and Drop-In Advising are available.

CAREER SKILL TRAINING where mock GDs, mock interviews, resume preparation, webinars on profile buildings, conducting training programs on behavioral skills and personality development, etc., are provided

BITSAANA PRESIDENT AND VICE-PRESIDENT MESSAGES

President Anil Singh's Message:

Greetings to all fellow BITIANS. It appears that this COVID pandemic is still playing a hide and seeks game with us. The omicron sub variant of COVID-19, BA.5 has now become the dominant strain of the virus in the U.S. I know a number of our friends have taken ill due to this. Fortunately, in most cases, symptoms have been mild. Due to this situation, in-person meetings/get together of our members has not been that common.

Our Alma mater continues to make steady progress in academics as well as in infrastructure. It is heartening to learn that all eligible 2022 graduating students (100%) got job placements. In 2022, BIT NIRF ranking is in the rank group of 251 - 300. If not for the low score in Research and Technical Publications, BIT could have easily





been placed in first 150 ranking. We all should be very proud of our BIT, considering there are over 3500 engineering colleges and 1500 polytechnics in India.

BITSAANA continues to play its part in the uplift of our Alma Mater. BITSAANA currently is providing funds for the hiring of 15 adjunct professors for 2022 – 2023 sessions. In addition, it provides funds to buy laptops and provide scholarships for the needy students, A commitment of \$20,000 as the seed money for startup/entrepreneurship projects has been made. BITSAANA has continued to provide a yearly award of \$1500 each to 3 college bound high school graduates who are children and grandchildren of BITSAANA members.

BIT Director has recently requested help to hire guest Laboratory Maintenance experts for the specialized equipment in various BIT laboratories such as Atkinson High Tension Laboratory, Electron Microscope, and others. We have pledged to help our alma mater financially in fulfilling this commitment.

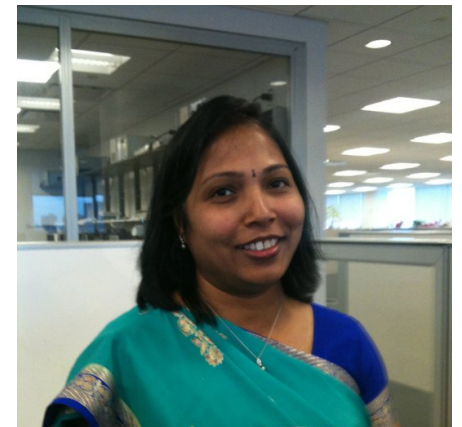
All above activities are possible due to your generous donations. I request you to kindly continue to donate money so that BITSAANA may continue to support these activities at BIT. We must reach our stated goals, We are second to none.

Vice President Divyanshu Raj's Message:

“Greetings to all the BIT Sindri alumni settled in in North America and beyond. Kudos to all the organizing committees to hold multiple in-person and online meets in Los Angeles, Boston, Florida, Toronto, New Jersey and many more. Thank God, life is getting back to normalcy.

Our Alma mater continues to make steady progress in academics as well as in infrastructure. It is heartening and overwhelming to learn about 100% job placements for 2022 grads, with an average salary package 6.5 lacs/year; amazing, isn't it!

Yes, BITSAANA is also gearing up to fight against the small setback, as BIT NIRF ranking fell from the ranking group of 201 -250 in 2021 to 251 - 300. BIT has scored reasonably well in the general teaching category, however, it scored very poorly in R&D, paper publications, number of out of state students, peer recognition, etc. We are working very closely with our director to address this situation. Recently BITSAANA provided funds to BIT to hire 15 adjunct (guest) professors for 2022 - 23 session. These have been made available through funding by Dr. K. P Singh, Founder and CEO of Holtec International and BITSAANA funds collected through donation drives. BIT has already started working on it and has already issued appointment letters to 5 accomplished academicians. We to see many more active research activities in the coming years. Along with many other active projects, BITSAANA will continue sending funds for scholarships and laptops working closely with Anant Prayas.





Well, still not getting all the warmth of BITSAANA, that you deserve and wondering how you can get involved and be part of this vibrant group. Join our WhatsApp group and Facebook through below invitation links

WhatsApp - [North America Whatsapp Group](#)

Facebook - [North America Facebook Group](#)

Donate - [Donate at Website](#)

And last but not the least, I would like to thank all the alumni for your support. All these activities are possible only because of your continuous support, thank you 🙏”

ESTABLISHED SCHOLARSHIPS THROUGH FOUNDATION FOR EXCELLENCE (FFE)

FFE continues to provide scholarships to BIT students year after year to support our financially constrained students. Many of these scholarships have been made available through alumni donations. You can establish these scholarships in the names of your loved ones and/or to commemorate the memory of the departed souls that loved to be associated with BIT Sindri. Last year FFE awarded the following scholarships to BIT students.

The following information was provided by Ramesh Yadav who has been on FFE board of directors and held many important offices within the FFE organization. A total of about 65 scholarships were awarded to BIT students through FFE in the academic year 21-22. The scholarships were split between 1st to 4th year students with most of these scholarships (about 36) awarded to 1st year students. 12 to 2nd year, 7 to 3rd year, and 10 to 4th year students. Among the engineering disciplines, the split was: 13 to Electronics and Communication Engineering, 13 Electrical, 8 Information technology, 4 Civil, 4 computer Science and Engineering, 3 Metallurgy, and the rest to other Engineering Disciplines: Chemical, Mining, and Production.

BITSAANA urges our North America based alumni to donate funds for increasing scholarships in disciplines that are not receiving adequate number of scholarships such as mining, chemical, and production engineering.

BITSAANA MEETS AND SPONSORED EVENTS FOR 2022

Please mark your calendars for these alumni meets and scheduled events. You do not want to miss fun filled social events and academic seminars.



BITSAANA West Coast Annual Event will be held on September 10th, 2022 in the Silicon Valley at 11:30 AM (PST) at Edward R. Levin County Park, 3100 Calaveras Road, Milpitas, CA 95035. For location details, log on to <https://parks.sccgov.org/santa-clara-county-park>. All alumni are invited to this meet.

BITSAANA East Coast Annual Event has been planned but no firm date has been set. Details will be emailed to all recipients of this newsletter. You can also contact Divvy Raj in advance if you are planning to attend this event.

BIT Foundation Day Celebration at BIT Sindri Campus on November 20, 2022, sponsored by BIT Sindri Alumni Association, contact Umesh Sah at upsah@yahoo.com

39th GISFI STANDARDIZATION SERIES MEETING (GSSM) to be held on November 17-20, 2022, at Birsa Institute of Technology, Sindri, Jharkhand, India with the theme, "GLOBAL ENTREPRENEURSHIP SUMMIT: OPPORTUNITY FOR INVESTORS IN JHARKHAND, INDIA ". For more information send enquiries to Ramjee@btech.au.dk

BITSAANA DONATION DRIVE

The BIT Alumni Association of North America (BITSAA NA) again appeals to you our alumni to become life members of the association. We want advice and suggestions from our readers of this newsletter on how to seek donations that are necessary for our survival and service to BIT alumni communities spread globally. Funds are required for sponsoring Adjunct Professors, Startup Projects, and Specialized Laboratory Technicians at BITS and Laptops for needy students. The Government of Jharkhand allows BITS to collect donations for the above sponsored academic programs and BITS sponsors these events with full scrutiny of BIT staff and BITSAANA BOD. I therefore urge you to hurry and rush your membership fee and donations using one of the following methods of transaction.

- For Zelle - Use the following email address: bitsaana@bitsindri.org
- For Venmo – Use Userid@bitsaana.org
- Checks should be payable to BITSAANA and mailed to Dr. Anil Kumar, Treasurer, 184 Old Beekman Road, Monmouth Station, NJ 08852.
- Paypal - Click the donation button on our website (Please note that for Paypal donations we are charged a 3% service fee).

Link to BITSAA NA WEBSITE is: <https://www.bitsindri.org/>

ENTERPRENUERSHIP AND STARTUP PROJECTS

Ramesh Yadava, Director, and Ex. President, BITSAANA has provided the following write up for sharing with BITSAANA members.



Under the leadership of Dr. Prakash Kumar (Head of Incubation center and HOD Industrial and Production Engineering), three entrepreneurs are going through the exercise of preparing the pitch for funding. BITSAANA member and BITSAA International President, Mr. Rajat Verma has formed a team in the pattern of “Shark Tank”. Entrepreneurs looking for funds for their startup projects will have the opportunity to make presentations to “Shark Tank Team” for funding.

BITSAANA member Ramesh Yadava is providing the required mentorships to the following three entrepreneurs in preparation for the presentation to the above Shark Tank Team. All three startups are in the 20 Meta trends identified by UN. BITSAANA Board of Directors has made a commitment to make available \$20,000 as seed money for the startup projects at BIT.

Here are the visions of three entrepreneurs under consideration:

- 1: **Gaurav Pratap:** His startup Dronebazaar has a vision of spreading the Drone Technology, Operation application of Drone knowledge through a structured program. Drone technology and application is spreading fast across the globe and will play a major role in supply chain management, opening opportunity for new work force. Dronebazaar has identified this gap and has been working to develop a technological program to make the workforce of Technologists, Technicians and Application engineers ready for these upcoming opportunities. Gaurav is excited to have the opportunity to use the incubation center at BIT Sindri.
- 2: **Aditya Kumar:** His startup “E-Cycle” has a vision of making “e-cycle” to make the task of the villagers, farmers and load handlers more efficient and less strenuous. With the focus on clean and renewable energy, has brought the solar cells and storage batteries in the affordable price range. It is this opportunity which “E-Cycle” has a vision to avail, making this available to customers at an affordable price. “E-Cycle” has identified this gap and is working to develop technology to convert customer’s current bicycle to an “E-Cycle”. The customers of “E-Cycle” are Price sensitive travelers, middle and low-income riders, Health conscious and Low carbon foot print. Aditya has a working proto-type and is thrilled to have the opportunity to use the incubation center at BIT Sindri.
- 3: **Mohammad Sajid Hussain:** His startup “Schoolasium” has a vision to teach youth how to solve a problem. The economic standard will rise when the use of technology in daily life is within the reach of every one and its adaptation becomes second nature. There is a major shift as technology makes impact in our daily life due the Artificial Intelligence, Robotics and the society must adapt to these changes. “Schoolasium” is committed to make the youths in school ready and fully equipped to take on these new changes. “Schoolasium”, through research and field trial over the years has proven the concept very successfully in Ranchi. It is trying to take rural children at that level where they can solve problems and making efforts to take them out of the current static curriculum. This teaching methodology is Maker Oriented Pedagogy (MOP), which is a play-based learning system is seeking to make children problem solvers through practical life lessons. Sajid has impacted thousands of students and is thrilled to have the opportunity to use the incubation center at BIT Sindri to further develop his idea to spread it at state level and country wide for every student in rural and urban are to take advantage.



BIT ENDOWMENT FUND

Progress has been made with respect to establishing the BIT Endowment Fund and some key approvals have been received from GOI. Approvals for FCRA certification is still pending. When all clearances and approvals are obtained, the BIT ENDOWMENT fund will be like all IITS and Private Institutions. The creation of fully operational endowment fund will allow donations received from US charities such as BITSANA and other 510 C 3 charities based in US to accumulate interest at the BIT ENDOWMENT FUND bank's prevailing interest rates and allow the principal to grow while providing funding for the donor specific projects or scholarships. Alumni that so far have been skeptical about donations must be totally comfortable that once the Endowment Fund is fully functional their donations will grow in monetary value and in many cases the interest accrued may meet the donor's specific purpose.

BITSANA SCHOLARSHIPS FOR NORTH AMERICA

BITSANA scholarship was established in 2019 for college bound, high school senior students, with an objective of recognizing outstanding achievements of alumni's children and grandchildren residing in the North America. This helps in encouraging active participation of alumni in BITSANA activities. It is a way to connect the next generation with BIT Sindri. Every year three students receive this scholarship. Selection criteria includes high school GPA, SAT score (optional), outstanding achievement outside school, and volunteer work.

BITSANA BOD congratulates the three BITSANA scholarships recipients for 2022, each of them received an award of \$1500 - Anusha Chatterjee, Harsh Paswan, and Olivia Sinha. **Anusha Chatterjee** is the daughter of Anamika Sinha, a 1995 graduate and granddaughter of Sachidanand Sinha (1960 graduate). **Harsh Paswan** is son of Awadhesh Kumar Paswan (2000 graduate) and **Olivia Sinha** is the granddaughter of Prabhat Kumar Sinha (1963 graduate).



OUTSATANDING ALUMNI RAMESH YADAVA

BITSAANA recognizes one of its outstanding alumni, Ramesh Yadav who has given his heart and soul to BIT and has achieved outstanding success in his own profession. He has over 45 years of experience with expertise in diversified areas such as nanotechnology, biometrics, disk drives, and nonprofit organizations. He specializes in business strategic alliances, operations management and in the management of 501 c 3 nonprofit organizations. During his tenure as Executive Director at FFE, a 501 (c) 3 corporation, the donor satisfaction went up from 80% to over 95% and donations received increased from \$1.5M to \$2.7M by implementing the company's well laid out process and procedures to address donor's questions and inquiries to donor's satisfaction. His passion still is devoting time and resources to help youth achieve their full potential through educational and mentorship programs.



He is currently involved in many activities where he holds positions of great importance and imminence. He is the president of ProNet "EDD's program under Experience Unlimited", an Executive Director and Board Secretary of Foundation For Excellence, an Associate Vice President of Business Eco System CGC at Aarhus University in Denmark, a member of the think tank at BIT Sindri International. He teaches entrepreneurship and how to be a successful mentor at BIT Sindri, IIT Mumbai, and IIT Gandhinagar. He is also a charter member of TIE (The Indus Entrepreneur). His entrepreneurial activities encompass Fidelica Microsystems; a Bio-Metric company that was acquired by Lenovo, Comport Corporation Disk Drive Company funded by Samsung where he served as co-founder and vice president, he founded Omek Flexible Drive and served as president, the company was later acquired by Satya Electronics.

As a community activist, he held professional positions in many community groups and received many awards and accolades. He served as President of BIT Sindri Alumni Association of North America and has been a board member and finance chair of TIE (The Indus Entrepreneur). He has also served as president of the Indian Community Service Center in Silicon Valley, California. He is the recipient of BIT Sindri Distinguished Alumni Award in the year 2019. He is the Founding Member of American Organization for Development of Bihar and India Resource Center catering to the needs of high school students.

He has composed lyrics and music of BIT SINDRI KULGEET : ४९ में जन्मा बी आइ टी, ज्ञान फैलाने के लिए

He attributes his success to his life-time best friend and spouse, Radha and continues to be involved in social activities. His devotion towards his alma mater is relentless. BITSAANA has tremendously benefitted by his involvement and advice.



NIRF RANKING OF BITS AND BITSANA'S PERSPECTIVES

The following report was provided by Rahul Biswari (Director BITSANA) and Anil Singh (President BITSANA).

Recently, Government of India Education Department (nirfindia.org) started ranking of various institutions of higher learning including the engineering colleges. BIT Sindri participated in this exercise in 2021 and 2022. In 2021, BIT secured a place in the ranking range of 201 – 250 with a cumulative score of 31.66, whereas in 2022, BIT slipped somewhat and was placed in the ranking range of 251 – 300 with the cumulative score of 30.00.

The following is a brief write up on the ranking system, BIT's comparison with other ranked colleges, reasons behind our lower ranking and what steps BIT need to take to secure ranking within 100 in the next five years. At first glance, our present ranking sure looks disappointing, however, considering that India has over 3,500 engineering colleges, our Alma Mater has not fared too bad. Of course, we must strive for much better ranking in future.

Ranking Parameter and Weightages

S/N	Parameter	Marks	Weightage
1	Teaching, Learning & Resources (TLR)	100	0.30
2	Research and Professional Practice (RP)	100	0.30
3	Graduation Outcome (GO)	100	0.20
4	Outreach & Inclusivity (OI)	100	0.10
5	Perception	100	0.10

BIT Sindri Scores (2021 & 2022)

Parameter	2021	2022
Teaching, Learning & Resources (TLR)	56.66	51.85
Research and Professional Practice (RP)	0.84	1.82
Graduation Outcome (GO)	47.86	49.55
Outreach & Inclusivity (OI)	38.86	38.83
Perception	11.02	7.00
Cumulative Score	31.66	30.00



Ranking Range

201 - 250

251 - 300

How BIT Compares with Other Colleges in 2022

Parameter	No. 1 Rank IIT Madras	No. 100 Rank PES University Bengaluru	No. 200 Rank Vidya Jyothi Inst. of Tech Hyderabad	BI Sindri Ranking Range (251-300)
Teaching, Learning & Resources	94.62	56.97	57.93	51.85
Research and Professional Practice	97.66	14.94	2.81	1.82
Graduation Outcome	80.42	63.79	46.59	49.55
Outreach & Inclusivity	62.65	51.02	55.46	38.83
Perception	100	9.14	6.07	7.00
Cumulative Score	90.04	40.14	33.70	30.00

Observations

- BIT ranking in 2022 (Ranking range of 201 - 250) dropped from that in 2021 (ranking range of 251 – 300)
- BIT 's dismal score (~ 1) in Research and Professional Practice (RP)
- Poor score in Perception category
- Good news: BIT lags only by ~ 10 and 3.70 in cumulative score from those of 100 and 200 ranked colleges.

Why BIT Score is Low

- NIRF questionnaire are heavily favorable to central govt. funded institutes such as IITs and NITS which are heavily funded to conduct research activities, are allowed to enroll students out of states. Some private colleges who have major industry sponsors also do well in the above categories. Also, considered negative is the fact that ~ 50% of teaching staff do not have permanent status. In perception area also BIT scores poorly. Many professors at BIT have shown little interest in research activities. Hence, no publications in national and international technical magazines. BIT does not have developed master and doctoral (PhD) program.

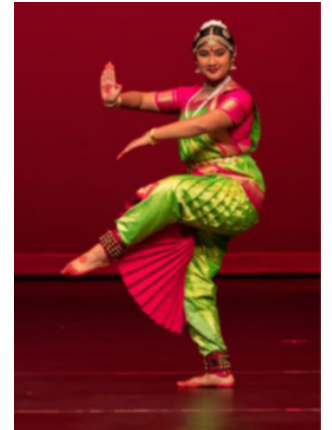


Recommendations

1. Develop research in liaison with local industries and institutions. This will enable publications in reputed technical journals. Recent hiring of adjunct professors in various departments will help in germinating the research culture in BIT.
2. Alumni donations to BIT Endowment Fund will fund some research projects that are in works or being developed.
3. Industry leaders should be frequently invited or seminars and to talk to students
4. All events including technical seminars and conferences should be widely published in local and national newspapers.
5. BIT should admit 20 – 30% out of state and/or international students
6. Our goal should bring BIT within rank of 100 by 2027.

OUTSTANDING ACHIEVEMENT IN BHARAT NATYAM BY YANA VERMA

BITSAANA family member Yana Verma, daughter of Niketa & Sanjay Verma (Civil Batch 1990) had a successful Bharatanatyam Arangetram on July 9th, 2022, in San Dimas, California. She started learning Bharatanatyam in 2009 from Dr. Elizabeth Kurien. Dr. Elizabeth Kurien is a Los Angeles based dance scholar, choreographer, and Artistic Director of the Pragathi Art Foundation. Bharatanatyam is an internationally acclaimed Indian classical dance that was re-crafted in the early twentieth century from its predecessor, a South Indian form of dance called Sadir. Arangetram means “Ascending the Stage”, in the South Indian language of Tamil. It represents years of rigorous training and marks the first fulllength solo debut performance of the student, presented before the community and the Guru. Some of the Southern California BIT families were able to attend the Arangetram, making this event even more special. It was an amazing and truly enjoyable performance by Yana. Per Yana, Bharatanatyam is an integral creative component of her life that encourages growth through struggle. She connects to her culture as well as finds a supportive community. She has blossomed not only as a dancer but also as a person. We wish her a good luck for her undergraduate at UC Berkeley. We at BITSAANA congratulate Yana for this outstanding achievement and her parents for providing this opportunity to Yana.



KRIS PAL SINGH’S MAKE IN INDIA INITIATIVES



BITSAANA congratulates our alma mater and patron, Dr. Kris Pal Singh, President and CEO of HOLTEC International on recent awards from Nuclear Power Corporation of India Limited. India's sole nuclear plant owner and operator has placed its first order for spent fuel and damaged fuel storage racks for its new away-from-reactor wet storage facility for the Kudankulam Nuclear Power Plant (KKNPP) with Holtec Asia, a Holtec subsidiary. The away-from-reactor facility will serve Units 1 and 2 of KKNPP in the state of Tamil Nadu. KKNPP uses Russian-designed VVER 1000 reactors. High-density fuel racks of the honeycomb genre will use Holtec's Metamic® neutron absorbing material, which is the most widely employed neutron absorber in the nuclear industry around the world. The rack modules utilize Holtec's proprietary detuned honeycomb technology to minimize the modules kinematic response under earthquakes and to maintain a large sub-criticality margin under all postulated accident events. The KKNPP honeycomb rack modules will be manufactured in India with Metamic® plates to be supplied by Holtec's Orrvilon Manufacturing Division, located in Ohio. An NPCIL-approved supplier of nuclear components will collaborate with Holtec Asia's Dahej, Gujarat-based manufacturing plant to assemble the rack modules. Holtec Asia's Pune, Maharashtra-based engineering and design center will administer and coordinate the project with the Client, NPCIL, in Mumbai. The KKNPP racks constitute the latest wet storage project for Holtec International in a string of over 120 successful fuel storage rack projects completed by the Company over the past 35 years and supplied to nine countries spread across four continents. This vast experience will allow Holtec's professional team to execute this project with the utmost safety, efficiency, and superb quality, which have been the hallmark of Holtec's past wet storage projects. Holtec's SMR-160 advanced light water reactor uses the same honeycomb Metamic® rack module design in its wet storage system. As always Kris Bhai as we affectionately call him, has shown how business can be conducted in heavily bureaucratic country like India.



SHREE NARAYAN SHARMA'S SOLAR PROJECTS IN INDIA

Shree Sharma's vision and entrepreneurship amazes all of us. Now he is advancing his visionary project to provide solar energy farms and distribution of solar batteries to auto rickshaws and automobiles in India. He is also open to suggestions on storage of solar energy and solar farms, collection and recharge of solar batteries and the distribution network. BIT alumni interested in this novel project can contact BITSAANA's editor or Shree Sharma directly.

Two BITSAANA senior members have shown that they are not just professional engineers but talented in many ways including composing poems and verses with deep emotions and command on the language used for the composition. Congratulations to these two BITSAANA members.

BITSAANA POET DR. JAI NARAIN (1964 MECHANICAL)





Jai Narain has composed this wonderful prose for our newsletter. We congratulate Jai and thank him for showing his hidden talents.

TUMBLEWEED

*Tumbling came the tumbleweed
stumbling in my tail wind path of walk
It rolled and meandered all over the grassland
gave me company for some time on my lonesome path*

*My mind thought for a moment
how thrilling it is when a diaspora meets a diaspora
I stumble here by the stroke of destiny
you meet me here defying all odds with the act of divinity.*

*Thoughts of where we came from always lives in our memory
Unknown where we will go, we just tumble along the paths of our lives
When we rest, we scatter our seeds of thoughts and life
tumbling through thick and thin, we have spent our lives.*

*Pretty soon our paths will diverge,
we will roll away in different unknown directions,
Your worry free composure teaches me a great lesson,
tumble away merrily in life, keep the happiness tumbling in the heart.*



BITSAANA POET BARMESHWAR RAI (1977 CIVIL)

How many of us know that Barmeshwar's engineering career never stopped him from composing poems in his mother tongue? Congratulations Barmeshwar for sharing this wonderful composition with us;

गुरुभूमि के सेवादारः

आज सपने में गुरु माता ने हौले से माथा थपथपाया, एक कर्ज उधार है वर्षों से मुझपर, उसकी याद दिलाया.

तू तो बी° आई° टी° से ज्ञान बटोरकर निकल गये, गुरुओं का मान बढ़ाया, सुख समृद्धि सब अर्जित की, खूब ऐश्वर्य कमाया.

पर एक उधार तो रह गया बच्चे, जो सेवकों से तूने लिया था, उन्होंने कभी माता, पिता, भाई बन निस्वार्थ जो तुझे दिया था.

याद करो उसे जो मेस में तुझे गर्म रोटियाँ खिलाता था, जाड़े की सर्द रातों में अदरक की चाय पिलाता था.

**या जेठ की तपती दुपहरी में पानी जुगाड़ कर लाता था.
जो आमतौर पर रामू, राजू, शिबू या टिकू कहलाता था.**

**इम्तिहान में जब तुम फ़ेल होते थे, डॉट तुझसे वो खाता था.
तेरी हताशा, निराशा मिटाने को ठंडी बीयर की बोतल लाता था.**

जा खोज, बाँकुंडा, पुरलिया की गलियों में ज़िन्दा हो तो कहीं मिलेगा, भुखमरी, बीमारी, कर्जदारी से बचा हो तो वहीं मिलेगा.

पल दो पल उसकी चारपाई पर बैठ, उसके आँसू पोछ लेना, अपने वैभव का एक टुकड़ा चुपके से, उसकी हथेली में छोड़ देना.

अपने वैभव का

As our newsletter reader you are invited to send your comments, suggestions, and good wishes to any one of our board members.



BITSAANA Board Members 2021 - 2023

	Name	Batch	Branch	Email
1	Alka Singh (Secretary)	1991	E&C	alkashekhar@yahoo.com
2	Anand K. Mishra	1993	Mechanical	anand_mishra@rocketmail.com
3	Anil Kumar (Treasurer)	1967	Mechanical	anil@xpresslending.com
4	Anil Singh (President)	1964	Metallurgy	anilsingh3521@gmail.com
5	Anoop Verma	1986	Chem	anoopv@hotmail.com
6	Ashok Singh	1985	Production	ashok_krs@yahoo.com
7	Chandan Kumar	2015	Comp Sc	chandan1002@gmail.com,
8	Divyanshu Raj (Vice President)	1991	Metallurgy	divyanshu_r@yahoo.com>
9	Prabhat Kumar Sinha	1963	Chemical	ksinha1@verizon.net
10	Pranav Nidhi	1987	Electrical	canpranav@yahoo.com
11	Rahul Biswari	1995	Chemical	rahulbiswari@gmail.com
12	Rajesh Ranjan	1970	Production	rajesh.ranjan817@gmail.com
13	Ramesh Yadava	1971	Electrical	rybitsindri@gmail.com
14	Sandeep Kumar	1994	Chemical	skumar@odu.edu
15	Sanjay Kumar	1996	Comp Sc	sankumar73@yahoo.com

BIT Sindri 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, विद्या फैलाने के लिए,
भारत को बढ़ाने के लिए, विद्या फैलाने के लिए,
भारत को बढ़ाने के लिए, भारत को बढ़ाने के लिए ॥



Kulgeet with Lyrics: https://www.youtube.com/watch?v=HomFJO_7y0c