



॥ सा विद्या या विमुक्तये ॥
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IIT DHARWAD

INDIAN INSTITUTE OF TECHNOLOGY DHARWAD

NEWSLETTER

OCTOBER 2023

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Glimpses of the 4th Convocation and 7th Foundation Day



A Day of Commemoration and Celebration at IIT dhArwAD:

-Aryan D. Trimukhe (Department of Computer Science Engineering)

On the illustrious day of August 28, 2023, the Indian Institute of Technology (IIT) dhArwAD embraced a day of grandeur and anticipation, witnessing two monumental events — the 4th convocation ceremony and the celebration of its 7th Foundation Day.

As the morning sun cast its golden rays, the campus was awash with a symphony of pride and achievement. The fourth convocation was a spectacular affair that conjured memories of landmark events in the institute's journey, reminiscent of its inauguration day. The dignitaries, including the Chairman and BoG members, were adorned in a classic ensemble that showcased India's rich heritage and spirit of self-reliance. The attire, an elegant array of white/off-white kurta-pyjama paired with a vibrant Khadi waistcoat and uttariya, paid homage to the local KhAdi GrAmOdyOg and to the vision and mission of self-sufficiency of an illustrious leader of ours Late Shri M.K. Gandhi.

The Director of IIT dhArwAD took the stage with an aura of pride and elation, recalling the honor of hosting Prime Minister Shri Narendra Modi earlier in March 2023. Modi's choice to wear the "uttariya" throughout the inauguration was a touching gesture, emphasizing his goodwill and appreciation for dhArwAD's delightful climate, cultural richness, and industrial capabilities. The ceremony saw the bestowment of numerous accolades, spotlighting the academic brilliance of IIT dhArwAD. KumAr T Satwik and KumAr K Yagnik were particular highlights, securing the President of India Gold Medal and the Director's Gold Medal respectively. Chemistry Departments Assistant Professor - Dr[Mrs.] Deepti Kalsi; ably performed the anchor's role.



President of India Gold Medalist KumAr T Satwik [CSE]

The convocation was enriched by luminaries like current Union Minister of Parliamentary Affairs, Coal and Mines, Shri. Pralhad Joshi, who emphasized the instrumental role IIT dhArwAD graduates would play in Bharat i.e. India's forthcoming renaissance. He illuminated our progress, citing the blossoming medical colleges, the burgeoning startup ecosystem, and the noteworthy spike in filling/awarding of patents. Shri. Vinayak Chatterjee's surprise proposal for the establishment of two new centers garnered unanimous acclaim, marked by thunderous applause. Their jovial exchanges added a touch of levity, with hints of future endeavors and aspirations.

The most memorable moment of the day was the address by Chief Guest Prof.- P. Balaram, Former Director of the Indian Institute of Science, Bengaluru and a Padma Bhushan awardee. He invoked memories of scientific and technological visionaries like Vikram Sarabhai and Satish Dhawan, underscoring the essence of learning from the past while being poised for the future. His insights, particularly on the significance of chemistry, resonated deeply, providing both inspiration and contemplation for the attendees.

Following the convocation, a sumptuous lunch was arranged, offering a delightful pause before continuing uninterrupted into the grand celebrations of the 7th Foundation Day.

As the evening unfolded at the WALMI Campus Auditorium, the air buzzed with excitement and reverence. Ms. Meghana, the Master of Ceremonies, opened the event with inspiring thoughts on IIT dhArwAD's journey and potential future, evoking a deep resonance with the audience. Director Prof. desAi's bilingual address warmly welcomed all attendees, highlighting the institution's remarkable journey and the special bond Lokmanya Tilak shared with North Karnataka.

The evening's chief guest, Prof. S. Sadagopan, Founding Director of IIIT Bengaluru, shared enlightening insights on dhArwAD's rich culture, the evolving technological landscape, and India's journey from challenges to triumphs. His words encapsulated the boundless aspirations of IITdh, painting a vivid picture of India's progress and IIT dhArwAD's limitless potential.

Prof. S.S. Murthy, a member of the Board of Governors of IIT dhArwAD, unveiled a self-authored booklet titled "A Saga on the history of IIT in Karnataka- A personal experience" focused on the challenges faced by IITdh and expressed hope for its prosperous future. The event celebrated excellence and hard work, with awards conferred upon individuals showcasing mutual respect and collaboration between institutions. The evening was further enriched by a Hindi drama titled 'Lokmanya Tilak', portraying the greatest leader's life and work, albeit with room for a more comprehensive narrative.

As the day came to a close, IIT dhArwAD emerged as a beacon of India's heritage and a visionary for its future. The day epitomized the synthesis of tradition and aspiration, fostering a sense of pride, responsibility, and optimism for the promising future that lies ahead for our IITdh.

Distinguished Visitors at IIT dhArwAD:

BioCyTiH foundation team visited IIT dhArwAD on 20th July 2023 to oversee progress of the project sponsored by the Foundation. The team was comprised of Prof. Sunil Bhand- Professor [BITS-Pilani Goa) and The Director of BITS BioCyTiH Foundation, Dr. Anil Wali- CEO BITS BioCyTiH, Dr. JSM Murthy- Manager Incubation, BITS BioCyTiH.



Prof. Rajendra Singh [Houser Banks Distinguished Professor of Electrical, Computer Engineering, and Automotive Engineering, Clemson University, Clemson, USA] visited IIT dhArwAD for the 1st institute colloquium on 2nd August 2023.

Team from the Deshpande foundation led by their CEO Shri. Anand Bariya, visited IIT dhArwAD on 16th August 2023 for discussions on potential collaborative initiatives to enable joint work between IIT dhArwAD and the Deshpande Foundation in the North Karnataka region.



Prof. K. Ramasubramanian [Institute Chair Professor, Cell for Indian Science and Technology in Sanskrit (CISTS), Department of Humanities and Social Sciences, Indian Institute of Technology Bombay] visited IIT dhArwAD for the 2nd institute colloquium on 4th September 2023.

Prof. Shripad T. Revankar [Professor of Nuclear Engineering and Director of Multiphase and Fuel Cell Research Laboratory, School of Nuclear Engineering, Purdue University, West Lafayette, IN/USA] visited IIT dhArwAD for the 3rd institute colloquium on 20th September 2023.



Shri Jayant Nadiger, [Trade & Investment Commissioner of Flanders, Belgium, for South India, Bengaluru] visited IIT dhArwAD, and explored various collaboration opportunities with the Flanders region of Belgium in the areas of semiconductor, sustainability, manufacturing, and biomedical technologies.

Prof. Jean-Christophe Nallatamby and Prof. Raphael Sommet from XLIM Laboratory, France, visited IIT dhArwAD and interacted with faculty members and students on 20th July 2023.



Prof. S. R. Mahadeva Prasanna: A Dedicated Teacher, Administrator and a Researcher Honored with National Teachers' Award



Prof. S. R. Mahadeva Prasanna, Professor Department of Electrical, Electronics and Communication Engineering and Dean [Faculty Welfare], IIT dhArwAD was conferred with the National Teachers' Award by the Hon'ble President of India Smt. Droupadi Murmu on the occasion of Teachers' Day [5th September 2023]. He was presented with a silver medal, a certificate of merit [citation], and a cash prize at Vigyan Bhawan, New Delhi.

A native of Somapura Village of KoraTagere tAIUK, tumakUru District in KarnATaka, Prof. Prasanna completed his BE from SSIT Tumakuru [Bangalore University] in 1994 followed by MTech from National Institute of Technology Karnataka- Surathkal [then KREC Surathkal] in 1997. He completed his PhD from Indian Institute of Technology Madras in 2004. Before joining IIT dhArwAD in the year 2017, he was serving as Dean [Research & Development] at IIT Guwahati. His areas of research interests include Speech and Handwriting Processing, Applications of Signal Processing and Pattern Recognition, Applications of Artificial Intelligence, Machine Learning and Deep Learning. He has a rich experience in the field of teaching and research. Under his guidance 26 Students have completed their PhD degrees, 6 are ongoing. In addition to this, numerous MS, M. Tech and B.Tech students have received guidance from him.

The National Teachers Award is an annual award given by the Ministry of Education (MoE) along with Ministry of Skill Development, Government of India. The National Awards to Teachers were first instituted in 1958, the guidelines were revised in 2018. The National Teacher Awards are awarded in recognition of invaluable contributions of teachers across India and to honor the teachers striving to improve the quality of education and enriching the lives of their students.

This year 75 teachers including 50 school teachers, 13 teachers from higher education and 12 teachers from the Ministry of Skill Development and Entrepreneurship were felicitated with the award. This year the scope of the award has been expanded to include Teachers from Higher education Institutions and Ministry of Skill Development for the first time.



Events

IIT dhArwAD organised a Global Initiative of Academic Networks (GIAN) course titled "Design of Ballasted Railway Tracks: Current Practices and New Developments " held between 3rd -7th July 2023.



Prof. V.R. desAi Director IIT dhArwAD attended visitor's conference 2023 held on 10th & 11th July 2023 at RASHTrapati Bhawan, NewDelhi.

Faculty members from the Civil and Infrastructure Engineering department IIT dhArwAD visited Deshpande Startups to explore the potential for collaboration and to learned about their work for rural technology development and empowerment of rural India and startups.



A team from IIT dhArwAD visited IIT Alumni Centre Bengaluru (IIT ACB) for the "Towards Viksit Bharath" event and inauguration of official IIT dhArwAD's office at the Alumni Center. [9th – 10th September 2023].

IIT dhArwAD hosted more than 70 students and 10 teachers of Jawahar Navodaya Vidyalaya from schools in the Hyderabad Region (Andhra Pradesh, telangANA, KarnATaka, and KEraLa) along with the Assistant Commissioner. [27th September 2023]



IIT dhArwAD and National Institute of Technical Teachers' Training and Research (NITTIR), Chennai ,T.N., entered into a MoU to enrich the educational experience for students and faculty members, driving innovation and to excel in the field of education. [29th July 2023]

On the occasion of "Sanskrita SaptAh", IIT dhArwAD organized a "Sanskrit Science Quiz" along with a lecture from Prof. Prof K Ramasubramaian for 70 students from 10 different nearby schools. [3rd September 2023]



Events

Students from IIT dhArwAD participated in a walkathon, "Say 'No' to Drugs", at KCD [Karnatak College {Arts}, dhArwAD] on 1st July 2023.



The National Service Scheme (NSS) Unit of Indian Institute of Technology dhArwAD conducted the 3rd Blood Donation Camp on 13th August 2023.

On the eve of "Independence Day" and "Har Ghar tiranga" awareness and flag distribution program was conducted on 14th August 2023.



Panch PrAn Pledge

The National Service Scheme (NSS) Unit of IIT dhArwAD conducted the 1. Panch PrAn Pledge 2. VEErON kA Vandan 3. VasudhA Vandan on 15th August 2023.



VEErON kA Vandan



VasudhA Vandan

The National Service Scheme (NSS) Unit of IIT dhArwAD conducted the cleanliness drive- 'Ek tarEEka Ek GhaNTa' which was undertaken on 30th September, 2023 as part of the 'Swachhata Hi SEvA' Campaign.



Prof. V. R. desAi, Director IIT DhArwAD and Prof. Dhiraj V. Patil [Department of Mechanical, Materials and Aerospace Engineering] visited Infosys Melbourne, University of Melbourne, Swinburne University of Technology, Deakin University, and Monash University in Melbourne Australia between 24-27th July 2023.

Awards and Achievements [Faculty & Staff]

Prof. Gopal Sharan Parashari [Department of Humanities and Social Sciences] delivered an invited talk at the "Warsaw International Economic Meeting (WIEM)-2023" held at University of Warsaw, Poland, during July, 4-5, 2023.



Prof. Somashekara M A [Department of Mechanical, Materials and Aerospace Engineering] was invited as a distinguished speaker to the "Industry-Academia R& D connect event" at CSIR Fourth Paradigm Institute (CSIR 4PI), Bengaluru as part of CSIR One week one lab program on 13th July 2023.

Prof. Ramesh Nayaka (Department of Civil and Infrastructure Engineering) was awarded "BIM Hero award" for contributions to Architecture, Engineering and Construction (AEC) Sector at the BIM Coordinators Summit'2023 held at Dublin, Ireland.

A BIM "Hero" Token of Appreciation

has been awarded to

Dr. Ramesh Nayaka
Assistant Professor
Indian Institute of Technology (IIT)
Dharwad



Celebrating the Heroes of AEC
Architecture | Engineering | Construction



Prof. Sandeep R B [Department of Computer Science and Engineering] attended the 24th International Symposium on Fundamentals of Computation Theory (FCT) at the University of Trier, Trier, Germany [18th September 2023] and visited CISPA Helmholtz Center for Information Security between 27th - 30th September [St. Ingbert, Germany].

Prof. Ridhima Tewari [Department of Humanities and Social Sciences] was invited as a Keynote Speaker for the National Conference on 'Gender Justice and Empowerment of Women' organized at the Periyar University, Salem, Tamil nADu on 15th September, 2023



Prof. Konjengbam Anand [Department of Computer Science and Engineering] visited Suzuki Innovation Center, IIT Hyderabad on 20th September 2023, for information exchange and strengthening relations with the Suzuki Foundation, Shizuoka University, and the Suzuki Innovation Center.

Prof. S. R. Mahadeva Prasanna [Department of Electrical, Electronics, and Communication Engineering] and **Prof. Konjengbam Anand** [Department of Computer Science and Engineering] organized an online workshop on Morphological Analysis of Low-Resource Indian Languages for Technology Development (MALLTeD) between 21st- 22nd July 2023.

Online workshop on
Morphological Analysis of Low-Resource Indian
Languages for Technology Development
(MALLTeD-2023) 21 - 22
July
2023

Speakers



The Krisha Foundation, Mumbai felicitated **Dr. Keerthi Kumar**, Assistant Sports Officer and NSS program officer, IIT dhArwAD with NSS KaramVeer Award.

Breaking Down Barriers: Women's Journey to Equality in STEM

-Prof. Ruma Ghosh [Department of Electrical, Electronics and Communication Engineering]

The representation of women in science, technology, engineering, and mathematics (STEM) has improved significantly, in the past few years. Yet in a land where women are worshipped as a goddess of power, courage, and education, we get ecstatic to find more than 20% female students in a classroom in any Indian Institute of Technology. It gives us immense pleasure if we find women in entrepreneurial or leadership role. It comes to us a pleasant surprise if we fly with a female aviator. Ironically, we still need articles on "Women in STEM", this indicates that we have started taking the baby steps towards overcoming gender indiscrimination across all domains including STEM but are still far from the reach of the steady-state or an equilibrium.

There is a pool of challenges that women face while pursuing science, technology, engineering, and mathematics at the professional levels. These have been creating significant hindrance to the acquisition of the equilibrium. One of the few prominent hurdles is breaking out of the "conventional" societal build-up in which each gender has specific and distinct set of roles. Women are mostly trusted with the homely duties which are overwhelming and tedious yet, have been continuously demeaned and condescended, since ages. The second challenge is the mindset. It is still difficult for a section of society to accept women in challenging and professional roles. Next comes the lack of enough role models. As the paths of successes are sometimes a little different for different genders because of the reasons mentioned above, having an example always help in setting up the goal and plan for the ways to achieve the same. Despite all these women have fought their way up against all odds and have proven themselves worthy of any role in the society over and again. Anandibai Joshi, the first lady doctor of western medicine in India, is an excellent example of a girl from rural India rising against the practices and beliefs of those times by pursuing higher education not only in India but also in abroad Universities, back in 1886. Marie Curie, despite belonging to a very humble family in Poland and growing up with back-breaking hurdles, could not be stopped from being awarded the Nobel prize twice. The situation and the ecosystem have improved over years and it is a continuing process. For example, Kalpana Chawla, Kiran Mazumdar Shaw, and many of the flagship programs of ISRO had several women scientists in crucial roles. Dr. Ritu Karidhal Srivastava [Mars Orbiter Mission, Chandrayaan 2, Chandrayaan 3], Kalpana Kalahasti [Chandrayaan 3], Moumita Dutta [Mars Orbiter Mission] are few of the recognized scientists from Indian Space Reseach Organisation (ISRO). The women achieving remarkable feats are backed up by their families, government schemes, but strongly, by their enthusiasm to strive for excellence. Though all these factors are there behind a successful man in STEM too, it deserves a special mention in case of women because the amplitude of the odds is higher in case of women than for men.

In this striding journey of incessant change, one must try to understand if the equilibrium is reached. It would be incorrect to expect that at equilibrium we will find women acquiring all the leading positions in STEM and ruling the domains. Instead, the equilibrium will be reached when the representations from all genders will be naturally comparable, when men and women will not compete for a position or a designation to rule over each other. Instead, they will compete to do better science, find better technological solution to a long-standing societal problem, to become a better philanthropist. The steady-state will be reached when a scientific/administrative decision would be criticised solely based on the logic and the merit and not on who [a man or a woman] has taken it. Any logical change will be welcomed and curiosities will be nurtured so that exceptional breakthroughs and milestones are achieved without any prejudices. When the population will engage in serious and intriguing science debate or delve in a thought-provoking discussion to solve a hard mathematical problem without getting conscious about the gender of the participants, when no child based on the gender, would be dictated to opt for a particular type of profession and will be forced to have a career just because he is of the gender which is traditionally believed to be the bread-earner of the family. One will have the liberty to explore their interest and pursue it with all that they have because the basic fact is intellect, persistence, knack of experimentation, urge of exploration, creativity and imagination, acknowledgement of a problem and capabilities to troubleshoot it, and willingness to do hard work are not showered by nature to any specific gender. As was said by Swami Vivekananda, "There is no chance for the welfare of the world unless the condition of woman is improved. It is not possible for a bird to fly on only one wing". Let us nourish both our wings equally to build a greater world!

Awards and Achievements [Students]

Shri. Jagbandhu Mishra, [PhD Student, Electrical Electronics and Communication Engineering] was awarded the Microsoft Research Travel Grant to attend INTERSPEECH-2023 conference at Dublin, Ireland [20-24th August 2023].



Shri. Ajul Dinesh, [PhD Student, Electrical Electronics and Communication Engineering] was awarded support by the International Federation of Automatic Control (IFAC) Foundation and the World Congress organizing committee to present a research paper in the IFAC World Congress - 2023 held at Yokohama, Japan [8th - 14th July 2023].

Shri. S K Lohit, [PhD Student, Department of Mechanical, Materials and Aerospace Engineering] received financial assistance by Science and Engineering Research Board (SERB) for presenting a research paper at 17th U. S. National Congress on Computational Mechanics (USNCCM17) at Albuquerque, New Mexico, USA [23rd -27th July 2023]



Shri. Tella Rajashekhar Reddy, [BTech, Department of Computer Science Engineering] successfully completed the 3 months of internship at Lakehead University, Ontario, Canada supported by MITACS Globalink Research Internship program.

Shri. Mubarak Hussain, [PhD Student, Department of Humanities and Social Sciences] received financial support from the Association for the Advancement of Artificial Intelligence (AAAI) to present a research paper at the 6th AAAI/ACM Conference on Artificial Intelligence, Ethics, and Society (AIES-2023) in Montreal, ON, Canada. [8th -10th August 2023].



KumAri. Jeslin Jacob M., [PhD Student, Electrical Electronics and Communication Engineering] received young author support from the IFAC Foundation and the World Congress organizing committee to present a research paper in the IFAC World Congress - 2023 held at Yokohama, Japan [8th - 14th July 2023].

Shri. Vivek Shahare, [PhD student, Department of Computer Science Engineering] received a travel grant to present a research paper in Symposium on Parallelism in Algorithms and Architectures held at Orlando, FL, USA [17th-19th June 2023].



Shri. Jiro Karlo, [PhD student, Department of Biosciences and Bioengineering] received financial support to present a research paper in the International Conference on Advance Vibrational Spectroscopy held at Jagiellonian University, Krakow, Poland [27th August – 1st September 2023].

Shri. Janmejaya Panda, [PhD student, Department of Humanities and Social Sciences] received support to presented a research paper in the 5th annual workshop on Agriculture and Economic Development held at the Hebrew University of Jerusalem, Israel [19th-20th June 2023].



Student teams from IIT dhArwAD won Silver and Bronze Medal's in the Inter IIT Tech Meet 11.0 held at IIT Kanpur, UP.

The Treasure in the Wooden Box: The Essence of Indian Knowledge System (IKS)

-Deepak Mudakavi, Karunya G, Dr. Somashekara M A and Dr. Gopal Sharan Parashari

[This research work is funded by Indian Knowledge System Division, AICTE Delhi]

Bharat (India, as the world calls us) is known for its rich cultural heritage and traditions. The moment we utter the word “Bharat,” the first thing that comes to our mind is the *Bharatiya Jñāna Paramparā* or the Indian Knowledge Tradition. The acquisition and transmission of knowledge without any hindrance is the basis of Sanatana Dharma. The strength of the Indian Knowledge tradition lies in its ability to contemplate and analyze in a manner that aligns our mind, body, and soul. While the tradition consists of practice alone, the *Indian Knowledge System (IKS)* represents the methodical transmission of knowledge from one generation to another in a well-structured approach. A couple of questions pop up in our minds. Is it worth revisiting the IKS? And if so, what is the way ahead for its implementation at an individual or at the institute level? Here is a small illustration of what was the approach of IKS towards the Vidya (Education).

अपूर्वः कोऽपि कोशोऽयं विद्यते तव भारती ।
व्ययतो वृद्धिमायाति क्षयमायाति सञ्चयात् ॥

The above Subhashita from the सभाषितरत्नभाण्डागारः (Subashitaratnabhandagaraha) says that “the treasure of knowledge you have will increase if it is distributed and vice-versa if not. When one internalizes the knowledge through Shrivana - Manana - Nidhidhyasana (Study - Logical reasoning - Steady contemplation), the knowledge flourishes.”

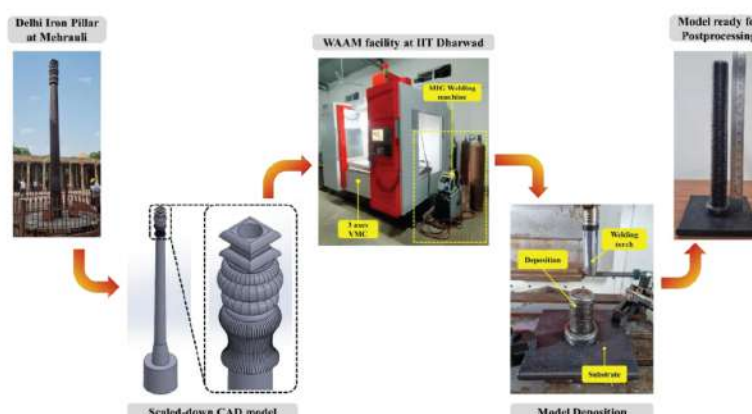
मातेव रक्षति पितेव हिते नियुङ्क्ते कान्तेव चाभिरमयत्यपनीय खेदम् ।

लक्ष्मीं तनोति वितनोति च दिक्षु कीर्ति किं किं न साधयति कल्पलतेव विद्या ॥

Yet another Subhashita from the भोजप्रबन्धः (Bhojaprabandhaha) tells us the importance of knowledge from the Bharatiya perspective.

Our institute is rigorously promoting the IKS, as its tagline says ‘सा विद्या या विमुक्तये,’ which translates to “that [alone] which can liberate us is Education.” We are constantly trying to imbibe and implement the knowledge of IKS in our research journey, wherever applicable. We have recently established a global center of excellence in the Indian Knowledge System. Apart from research activities in IKS in different areas, the center plans to mentor future generations of scholars through a three-pronged strategy viz. courses on IKS, research activities and outreach activities. The research students who are trained through the center will be our flag-bearers for propagating IKS wealth to the next generations. A course on ‘Happiness and Wellbeing’ is being run in IIT Dharwad to expose the students to IKS. Under this center, we are also planning to introduce more courses and student research activities in different areas of IKS. Currently, we are offering a course on Introduction to Indian Knowledge Systems that involves music, dance, astrology, ancient economic thought, Ayurveda, architecture and shat-darshans.

At the Additive Manufacturing and 4D Printing Lab of Dept. of MMAE, we are working on replicating and developing Corrosion Resistant Iron by taking inspiration from the Ashoka Pillar (also known as the ‘Rustless Wonder’, manufactured in 4th Century CE during the rule of Chandragupta II). The presence of Phosphor within the Iron lumps rendered the structure, resistant to corrosion, as it formed a stable compound with Oxygen. With the aid of an in-house developed Wire Arc Additive Manufacturing (WAAM) facility, we are in the process of developing the scaled-down model (1:10) of the Delhi Iron Pillar. The deposition is completed, and subsequent post-processing is underway (Fig. 1). The development of the Phosphor-infused Pillar forms the next part of IKS work.



“Knowledge, like our mother, saves us from dangers, guides us like our father, and gives us happiness like our dear ones. It enhances our prosperity and gives us fame. Thus, knowledge, like a kalpa-vriksha, serves us in all aspects of our life.”

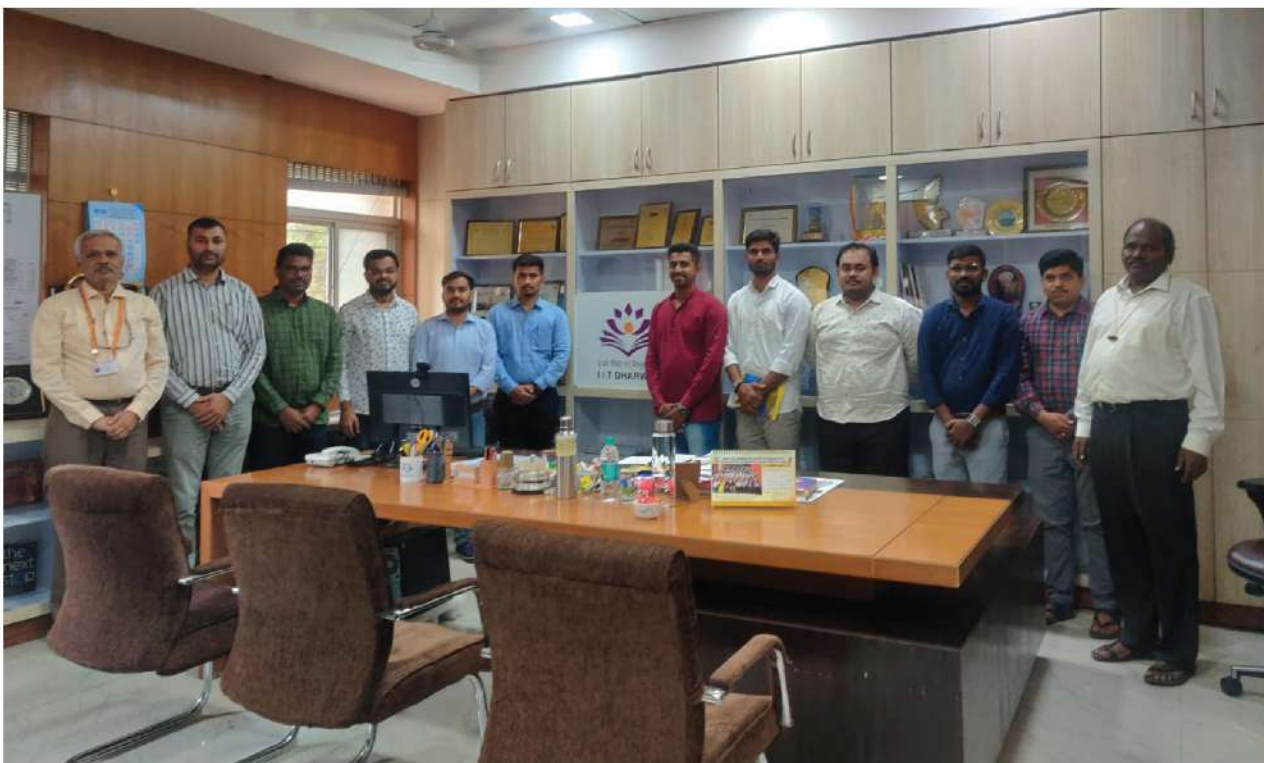
Overall, the IKS represents the rich heritage and eternal knowledge created and acquired by our people over several millennia in the Indian Subcontinent. The knowledge repositories can be systematic knowledge through Manuscripts or Shastras and traditional knowledge through oral communication, folk songs, arts, stories, etc. Revisiting the IKS helps at the educational level at large and the personal level in particular through its concepts of Self-learning and Interdisciplinary approaches, and thus elevates young minds to be rooted in Bharat’s culture during their life’s journey.

Newly Joined Faculty Members at IIT dhArwAD



From Left to Right (Director, Prof. VENKAPPAYYA R. DESAI, RIDHIMA TEWARI, Associate Professor, (Humanities and Social Sciences), SUBHASH MEHTO, Assistant Professor, (Biosciences and Bioengineering), Vyom Sharma, Assistant Professor (Mechanical, Materials and Aerospace Engineering), ACHYUT MANI TRIPATHI, Assistant Professor, (Computer Science and Engineering), PUNNAG CHATTERJEE, Assistant Professor, (Mechanical, Materials and Aerospace Engineering), SHASHAANK ASWATHA MATTUR, Assistant Professor, (Electrical, Electronics and Communication Engineering), SAIRAM BOGGAVARAPU, Assistant Professor, (Electrical, Electronics and Communication Engineering), SUSHANTA KUMAR SETHI, Assistant Professor, (Mechanical, Materials and Aerospace Engineering), OMKAR BASWARAJ BEMBALGE, Assistant Professor (Mechanical, Materials and Aerospace Engineering) ANBUKKARASI R, Assistant Professor (Mechanical, Materials and Aerospace Engineering) , SAMATHA BENEDICT, Assistant Professor (Electrical, Electronics and Communication Engineering), VANDANA BHARTI, Assistant Professor, (Computer Science and Engineering), ANIMESH KUMAR SAHOO, Assistant Professor, Electrical, (Electronics and Communication Engineering), RAJESWARA RAO MALAKALAPALLI, Associate Professor (Chemistry), TEJAS PRAKASH GOTKHINDI, Assistant Professor, (Mechanical, Materials and Aerospace Engineering) In Absentia: VIJETH JINACHANDRA KOTAGI, Assistant Professor, (Computer Science and Engineering), SWANANDA VISHVAS MARATHE, Assistant Professor, (Biosciences and Bioengineering)

Newly Joined Staff Members at IIT dhArwAD



From Left to Right [Director, Prof. VENKAPPAYYA R. DESAI; Mr. SHAIK SUBHANI, Junior Technical Superintendent, Mr. SANTOSHKUMAR BIJAKAL, Junior Assistant, Mr. GHANSHYAM, Junior Technical Superintendent, Mr. Varun V, Junior Assistant, Mr. SUJEENDRA GOWDA, Junior Technician, Mr. PRAVEENKUMAR METRI, Junior Technician, Mr. Sudip Mandal, Junior Assistant, Mr. KHANDU DINDE, Junior Superintendent, Mr. AMOL DIWATE, Junior Superintendent, Registrar (Dr. S BASAVARAJAPPA)]

Cultural Chronicles of IIT dhArwAD

EPIPHANY

by Priyanka Naga

Ripples of tranquility live by thoughts
Mind is strangled with paradox of its
Vision encased in gleam of choice,
Inhaling the destructive bonds of life,
Empathy is the enemy of discord;
A deep bond in this ruckus misery!
whining the hearts intense muses,
Quantifying the defeated dreams,
Wandering amidst the disapproval;
Grieving for the future of blood,
Lies compassion for adamant hopes.

"Why are you stuck in past?"

by Saee Devidas Khediar

When there's a future ahead.
Past is an acrylic tint;
Which stays and never fade.
Cartoons and Rock music,
Gold old memories cause nostalgia.
"Look how happy you were then!"
The reality has no euphoria.
Stopped by and gazed at the stars;
Though uncountable; estimated 'em for fun,
Now I wait for that genuine grin moment;
Time which never stand by and always run.
The jolly roller coaster ride;
Which seem to never end,
"Isn't life a similar ride?"
With gloomy moments which chase us and
bend.
Good grades and always on the top;
Never bothered about slipping from the spot.
"Why are you stuck in past?"
Because past seems to be a candle flicker;
But, it's actually a dot.

'तुम' और 'मैं'

संदीप पारीक

पृष्ठभूमि:

यह कविता विभिन्न समय काल में काम कर रहे दो व्यक्तियों के बीच एक संवाद है। प्रथम व्यक्ति की आयु लगभग 25-30 वर्ष एवं द्वितीय व्यक्ति की आयु लगभग 60-65 वर्ष है। दोनों व्यक्तियों के कार्य करने के तरीके, सोच एवं प्राथमिकताओं में अंतर है। इस कविता में प्रथम व्यक्ति, द्वितीय व्यक्ति से कुछ प्रश्न कविता के माध्यम से पूछने की कोशिश कर रहा है। कविता कुछ इस प्रकार है :

तुम जो आज हो, कल तक तुममें आज का मैं ही था।

क्या जो तुम आज बन गए हो, वह बदलाव मुझसे ही था।

क्या जो तुमने छोड़ दी ईसानियत और ईमानदारी, वह आज जो मुझमें है, तुममें भी वैसी ही थी।

क्या हुआ, क्या मजबूरी, क्या बेबसी थी, की तुम 'मैं' न रहे, और तुम यह 'तुम' बन गए।

क्या असंभव था, तुम्हारे पुरुषार्थ के लिए, तुम्हारे आज के यथार्थ के लिए, की तुमने समझौता किया और बन गए उस 'मैं' से यह 'तुम'।

क्या मैं भी एक दिन 'तुम' बन जाऊंगा और आज का मैं नहीं रह पाऊंगा।

क्या मैं तुममें समा जाऊंगा और 'तुम' से वापस मैं नहीं बन पाऊंगा।

क्या यह 'मैं' से 'तुम' का परिवर्तन बदल नहीं सकता, किसी एक तरीके से टल नहीं सकता।

क्या जो तुममें कभी मैं था, वह भी मेरी मदद नहीं कर पायेगा,

की मैं 'तुम' न बन जाऊँ और इसी कोशिश में 'तुम' कभी शायद मैं ही बन जाओ।

नियतं कुरु कर्म त्वं कर्म ज्यायो हाकर्मणः

शरीरयात्रापि च ते न प्रसिद्धयेदकर्मणः

by Basavarajagouda E Patil

Laziness is the greatest enemy of humans, and is especially pernicious since it resides in their own body. Work is their most trustworthy friend, and is a guarantee against downfall." Even the basic bodily activities like eating, bathing, and maintaining proper health require work. These obligatory actions are called nitya karm. To neglect these basic maintainance activities is not a sign of progress, but an indication of slothfulness, leading to emaciation and weakness of both body and mind. On the other hand, a cared for and nourished body is a positive adjunct on the road to spirituality. Thus, the state of inertia does not lend itself either to material or spiritual achievement. For the progress of our own soul, we should embrace the duties that help elevate and purify our mind and intellect.

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" We request all the alumni, students, faculty, staff and all the well-wishers to generously donate to IIT dhArwAD."



॥ सा विद्या या विमुक्तये ॥
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Cover Page: Mr. Pranjal Kumar (Department of Biosciences and Bioengineering) receiving Doctor
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Sambandh

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