

### **SDG 17**







The advancement of the society in this age is only possible with mutual cooperation, collaboration, extending help to each section of the society and sharing of resources. The efficiency of achieving the SDGs become more while working in collaboration than an individual. This is true whether it is applicable for a person or an organization or a country. Wastage of resources must be zero and at the same time abundant resources must be generously shared with those not having access. This mutual cooperation is the fundamental principle of sustainability with involvement and participation of all. UN SDG17 aims to revitalize the global partnership for sustainable development. In line with UN SDG principle DIT University firmly believes in collaboration be it in research or resource sharing or implementation of its work culture not only inclusive but exclusive of University premises. The supportive and flexible work culture of DIT University essentially lies on the proposition of trust-integrity, employee engagement-opportunities, respect-fairness.



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### Collaborative activities with NGOs

DIT University collaborates with various NGOs to promote the Sustainable Development Goals (SDGs) through a variety of impactful initiatives. The university engages in joint activities focused on environmental sustainability and social justice, working with organizations to create awareness and foster positive change. In partnership with the Society for Research and Development in Science, Technology, and Agriculture, DIT University promotes science and innovation for sustainable development. Through project-based learning with the Indo Universal Collaboration for Engineering Education (IUCEE), students gain hands-on experience tackling real-world challenges. Additionally, DIT University collaborates with other NGOs to provide financial assistance to academically talented students, ensuring they have the resources needed to pursue higher education and contribute to societal progress.

DIT University has well established policy to work with NGOs.

The details of activities are provided in this document.



### Joint Project-based learning initiatives at DIT University with Indo Universal Collaboration for Engineering Education (IUCEE)

Project-based learning initiatives at DIT University align closely with several Sustainable Development Goals (SDGs) by providing students with hands-on experience to address real-world challenges. Key SDGs that project-based learning supports include:

- 1. **SDG 4: Quality Education** Project-based learning fosters critical thinking, creativity, and problem-solving skills, enhancing the quality and accessibility of education.
- 2. **SDG 7: Affordable and Clean Energy** Through projects focused on energy efficiency and clean technology, students work on innovative solutions that contribute to sustainable energy sources.
- 3. **SDG 9: Industry, Innovation, and Infrastructure** Collaborative projects with industry and academic institutions encourage innovation and infrastructure development, equipping students to improve sustainable practices within the industry.
- 4. **SDG 11: Sustainable Cities and Communities** By engaging in projects on sustainable urban development, students contribute to solutions that enhance city infrastructure, transportation, and waste management.
- 5. **SDG 13: Climate Action** Environmental projects focused on reducing emissions, waste, and pollution equip students to take practical actions against climate change, supporting broader climate resilience goals.

Project-based learning empowers students to make tangible contributions to these SDGs, preparing them to address global challenges with sustainable and impactful solutions.





IUCEE-Vishwaniketan  Mini-Symposium on Problem & Project-based Learning (P2BL) 2022  "Practice, Share & Adapt"  2nd (Friday) & 3rd (Saturday) December  Program Outline (Indian Standard Time)		
First Day: December 2, (Friday) 2022 https://us02web.zoom.us/meeting/register/tZYpdOisrTkqGdbWfAho85r6elK9V6DSAbbG		
99: 30 Brief Overview of P2BL Mini-Symposium: Dr. Deepak Waikar & Dr. Vikas Shinde, Chair & Co-Chair of Organising Committee Welcome addresses by. Prof. Krishna Vedula, Executive Director, IUCEE, India & Dr. Sandeep Inamdar, Vice President, Vishwaniketan, India		
09: 50 AM to Chair: Prof. Krishna Vedula for Inaugural cum Keynote Address by 10: Prof. G. Raghurama, Vice Chancellor, DIT University, Dehradun AM		
Panel Session-1: Challenges in Implementation of P2BL Session Chair/Moderator: Dr. Deepak Waikar Dr. Vishnu Murthy, Dean, Anurag Uni, Dr. Venkatesh, Principal of Malnad CoE, Dr. B.K. Singh, Dean, DIT Uni.		
Parallel Sessions		
Track I  https://us02web.zoom.us/meeting/register/tZYpdOisrTkqGdbWf  Aho85r6elK9V6DSAbbG  Track II  https://us02web.zoom.us/meeting/register/tZcvceyhrzoqHd  Z99126dkFSu3cXnet3P7	dWI	



11: 45 A M to 1.1 5 PM	Chair: Parmar (Marwadi Uni)  CS1: Yogesh S. Patil (RIT)  CS2: Rahul Bhedagaonkar (KITCOET  CS3: Priyanka Garg (DIT Uni)  CS4: Vidya Srikanth (Reva Uni)	Chair: Vikas Shinde (Vishwaniketan)  CS5: Jayashree Awati (Biology) (RIT)  CS6: Thanikachalam Vedhathiri  CS7: R. Sumathi (KLU)  CS8: Gaurav Dhiman (DIT)
1:15 PM to 2:15 PM	Lunch Break	
	77. 1 TTT	
	Track-III	Track-IV
2:15 PM	Chair: Y. Ravinder (PICT)	Track-IV Chair: Parmar (Marwadi Uni)



### **IUCEE-Vishwaniketan**

Mini-Symposium on Problem & Project-based Learning (P2BL) 2022

"Practice, Share & Adapt"

2nd (Friday) & 3rd (Saturday) December Program Outline (Indian Standard Time)

Second Day 3rd December, (Saturday) 2022. https://us02web.zoom.us/meeting/register/tZUvfu6hqToiGNBkoh_Zz8nP58b4GLCxnV10_		
Keynote 2: Dr. Sandeep Inamdar, Vice President, Vishwaniketan, India Session Chair: Prof. Krishna Vedula		
Session <mark>on</mark> "Case Study <mark>on</mark> Synergising <mark>P2BL</mark> & Design Thinking" by Dr. Deepak Waikar, EduEnergy, Singapore and Dr. B.K. Singh, DIT University, India		
Session <mark>on</mark> "Alternative PBL Models" by Dr. Vikas Shinde, Vishwaniketan, India.		
Parallel Sessions		
Track V  https://us02web.zoom.us/meeting/register/tZUvfu6h  qToiGNBkoh_Zz8nP58b4GLCxnV10	Track VI <a href="https://us02web.zoom.us/meeting/register/tzltceCpqzwqHte7hAlvKmo-eHTkzwZVQBf">https://us02web.zoom.us/meeting/register/tzltceCpqzwqHte7hAlvKmo-eHTkzwZVQBf</a>	
Chair: Vijayalakshmi (KleTech)	Chair: Keith Fernandes (SJEC)M.	
CS20: C. Sravanthi (Anurag Uni) CS21: Sharvari Sane (ViMEET) CS22: Saurabh Mishra (DIT)	CS24: Priya Brahmwanshi (ViMEET) CS25: Akula Neeraja (Anurag Uni) CS26: Amrindra Pal (DIT) CS27: Ashwini Mahtre (ViMEET) CS28: R. Raja Subramanian (KLU)	
	Keynote 2: Dr. Sandeep Inamdar, Vice P Session Chair: Prof. Kr  Session on "Case Study on Synergising P2BL & Design EduEnergy, Singapore and Dr. B.K. Singh, DIT Unive  Session on "Alternative PBL Models" by Dr. Vikas Sh  Parallel Sessi  Track V  https://us02web.zoom.us/meeting/register/tZUvfu6h qToiGNBkoh Zz8nP58b4GLCxnV10  Chair: Vijayalakshmi (KleTech)  CS19: P. Saritha (Anurag Uni) CS20: C. Sravanthi (Anurag Uni) CS21: Sharvari Sane (ViMEET) CS22: Saurabh Mishra (DIT)	



1:15 PM to 2:15 PM	Lunch Break	
	Track VII  https://us02web.zoom.us/meeting/register/tZUvfu6h qToiGNBkoh_Zz8nP58b4GLCxnV1O	Track VIII https://us02web.zoom.us/meeting/register /tZItceCpqzwqHte7hAlvKmo- eHTkzwZVQBf_
	Chair: Badarinath (RVCE)  CS29: Saurabh Mishra & Aman Kumar (DIT)  CS30: Saurabh Mishra & Ankit Mishra (DIT)  CS31: Saurabh Mishra & Somya Aggrawal(DIT)  CS32: Saurabh Mishra & Sanskar Saran (DIT)	Open Slot
3:15 PM to 4:00 PM	Valedictory Function (Krishna & Sandeep) and Vote of Thanks (Vikas and Deepak)	



### Celebration of Dehradun International Science & Technology Festival (DISTF)-2023 with NGOs and Government agencies

Name of the Event Coordinator/Convenor:	Name of the Event:
Dr. Tarumay Ghoshal	Dehradun International Science & Technology
	Festival (DISTF)-2023
Name of the Collaborator (if any):	Name of The Resource Person (Multi entry
	in case of more than one resource):
Society for Research and Development in Science,	
Technology, and Agriculture	
Start Date and End Date:	No. of Participant (Students and Faculty):
27-29.10.2023	500

### **DETAILS ABOUT THE EVENT:**

### **Event Description**

### Brief text with introduction, event details, content and outcome:

Dehradun International Science & Technology Festival (DISTF)-2023 was organized jointly by Uttarakhand State Council for Science & Technology (Govt. of UK) & Society for Research & Development in Science Technology and Agriculture (SRADSTA) in joint association with SEED, Department of Science & Technology, Govt. of India, Oil & Natural Gas Corporation Ltd. (ONGC), Uttarakhand Science Education & Research Center and DIT University, Dehradun supported by different Govt. Departments of Uttarakhand. DISTF-2023 is a first of its kind event organized to provide a platform to everyone from the population of scientific and technological enthusiasts. The motivation behind the event is to have a centre stage to promote, learn and nourish the brilliance of youngsters and achievers. Approximately twenty thousand plus (50,000+) visitors has participated the event from across the state physically and enjoy the Science & Technology Exhibition.



### Photograph of the event.











### **MoUs with NGOs and Activity**

DIT University has collaboration with Purkal Youth Development Society, Aasraa Trust and Him Jyoti School Dehradun. These NGOs recommend their selected top performer students to DIT University for their education. DIT University waives off their academic fee in order to promote the students for higher education.

The MoUs are attached in annexures.



### **Annexures**

### Memorandum of Understanding (MoU)

This Memorandum of Understanding executed in Dehradun, Uttarakhand on May 02, day of 2023 between Aasraa Trust represented by Ms. Shaila Brijnath (Chairman) having their registered office at 119/1, Vasant Vihar, Dehradun (hereinafter referred to as Aarsaa Trust or the First Party).

### AND

**DIT University** represented by **Dr. Surbhi Sachdev**, Officiating Registrar having their registered office at DIT University, Mussoorie - Diversion Road, Village Makkawala, Dehradun, Uttarakhand-248009 (hereinafter referred to as **DIT University** or the Second Party).

### WHEREAS

- (a) Aasraa is a registered trust under the Indian Trust Act as a public charitable trust, committed to the cause of empowering children. Focused on education, it has been working with street and slum children in Dehradun since 2009, with the belief that there is no unreachable or unteachable child. Aasraa has a vision of life with dignity for all underprivileged children. The cycle of poverty which rules their existence needs to be broken. Aasraa believes that the outside intervention needed to break this cycle is education and vocational training combined with health care, nutrition, clothing & shelter homes.
- (b) DIT University as an Institution "Dehradun Institute of Technology" was established in 1998, achieved the status of University by Govt. of Uttarakhand vide Act No.10 of 2013 dated 15 February 2013 and is recognized by UGC under Section 2(f) of the UGC Act, 1956. DIT University with the aphorism of Imagine, Aspire and Achieve fosters the long-term commitment towards nation building. Since its establishment in 1998, it has maintained the best practices in Higher Education.

### 1. PREAMBLE

Subscribing to many of the 17 Sustainable Development Goals (SDGs) of the 2030 Agenda for Sustainable Development (No Poverty, Zero Hunger, Good Health and Wellbeing and Quality Education), the Aasraa Trust has been working towards empowering children from the streets and slums of Dehradun through education, vocational training, nutrition, health care and shelter. The vision of Aasraa is that there is no unreachable or unteachable child.

With the formation of Uttarakhand state, the capital city of Dehradun has seen large scale migration of people from the neighboring states. In addition, the rate of migration from the hilly areas of the state has also rapidly increased due to the decline in agricultural growth.

Education on its own is not enough. Children must be given a dream and the means to achieve it. The need for providing vocational training and quality higher education is so important.

### 2. COMMON GOAL AND PURPOSE

Both parties to this MoU share the broad goal of creating a well-educated and skilled workforce from among the marginalized sections of society. The purpose of this MoU is to provide an opportunity to the underserved children to attain quality Education at DIT University. DIT University has agreed to provide 50% waiver (On Tuition Fee & Academic Services Fee only) for 02 students every year. This opportunity will be provided to the 02 deserving students who have graduated (top 5%) from Aasraa's projects.

Both the parties agree to work in collaboration and have arrived at an understanding as indicated below:

### 3. Role and Responsibilities:

### (a) Aasraa Trust:

- To shortlist 02 deserving candidates for the scholarship offered by DIT University every year.
- > To ensure that candidates have the aptitude required for the course/degree.
- > To ensure that the student has all the required documents available for the admission.
- To ensure that student has the resources to pay for the rest of the fee amount.
- > To appoint a point of contact to coordinate with the DIT University.
- > To ensure that the candidates are meeting applicable eligibility criterion of the respective program
- To ensure that the candidates fall under the top 5% child of Aasraa Trust

### (b) DIT University:

- To provide 50% fee waiver (On Tuition Fee & Academic Services Fee only) for 02 new students every year.
- To provide Aasraa Trust with the detailed breakup of the fee structure for the course/ degree, for which the students have applied.
- To appoint a point of contact to coordinate with the Aasraa Trust.
- The final decision on the offer of admission to the candidates recommended by Aasraa trust will be with DIT University. Further the program to which the candidate will be admitted will be decided by DIT University.

### 4. Period of Partnership:

The MoU shall remain in force for a period of 02 Years from the date of its signature and seal and extendable for a further period of one or more years' subject to the concurrence of both the parties. The parties to this memorandum may, by mutual consent, add modify,

amend, delete, review or revise any term(s) and condition(s) of this agreement. The MoU may be terminated by either side by giving a six-month notice to that effect in writing. However, notwithstanding the notice of the intent to terminate the memorandum, all rights, obligations and corresponding duties and subsisting therein shall be respected and mandated until the finalization and accomplishment thereof.

### 1. Non - Exclusively:

Nothing in this MoU shall mean or shall be constructed to mean that any of the party is at any time precluded from having similar arrangements with any other person or third party.

### 2. Arbitration and Jurisdiction:

In case of any disputes arising between the parties in respect of implementation of the program or the payments agreed to be made by the first party or in respect of any other term in this MoU, the parties undertake to settle the same by mutual negotiation and in case no such settlement is arrived at after mutual negotiations, an arbitrator shall be appointed for resolving any or all the disputes that may arise between the parties as per the law applicable in jurisdiction of courts in Dehradun.

Aasraa Trust and the DIT University agree to share responsibility for the successful implementation of the project prescribed in this MoU.

IN WITNESS WHEREOF THE PARTIES HERETO HAVE EXECUTED THESE PRESENTS OF THE DAY, MONTH AND YEAR FIRST ABOVE WRITTEN.

AASRAA	TRUST
ALPRICA	n/Secretary Stachder
Ms. Shaila Brijnath Chairperson	Dr. Surbhi Sachdev Officiating Registrar.

Aasraa Trust 119/1, Vasant Vihar, Dehradun, Uttarakhand

For and on behalf of

Amit Balodi 542, Indira Nagar

Dehraden

For and on behalf of

DIT University, Mussoorie - Diversion Road, Village Makkawala, Dehradun, Uttarakhand-248009

IT Park, Demadur





### MEMORANDUM OF UNDERSTANDING

### Between

### DIT University, Dehradun & Him Jyoti School, Dehradun

This agreement is made between the **DIT University**, **Dehradun** an Institute for higher education, located in Mussoorie Road, Dehradun, Uttarakhand, India and **Him Jyoti School**, **Dehradun**, a Boarding School for bright girls from impoverished families of Uttarakhand, located in Sahastradhara Road, Dehradun, Uttarakhand, India, on 29 July 2019. The parties hereto agree as follows:

### **Purpose:**

- 1) Recognizing the importance of mutual collaboration and the contributions to community made by institutions of higher education, both parties share a desire to develop mutually strengthening and enriching international educational and research experiences for both faculty and students.
- 2) The primary purpose of this agreement is to provide a general basis within which specific cooperative activities of an academic and cultural nature may be implemented involving faculty and/or students from Him Jyoti School and DIT University.
- 3) Faculty and Students in various disciplines will be encouraged to develop contacts and propose collaborative projects. Each project proposal will be considered on its merits. The two institutions will seek internal and external sources for support of programs and exchanges, which may be developed as a result of this agreement from time to time.

### **General Provisions:**

1. All research and other collaborative activities conducted pursuant to this agreement shall be conducted in accordance with the laws and regulations appropriate to each institution. In the case of DITU, these are the laws of the Republic of India, the State of Uttarakhand, and the rules and regulations of the DIT University. In the case of Him Jyoti School, these are the laws of the Republic of India, the State of Uttarakhand, and the rules and regulations of the Him Jyoti School Management.

JAM JAM CEO





2. At DITU, modification to this agreement shall be initiated through the Office of the Vice Chancellor at DIT University, and at Him Jyoti School, through the Office of the Principal, Him Jyoti School, Dehradun, Uttarakhand.

IN WITNESS WHEREOF the parties hereto have executed two copies of this instrument, each of which shall be considered an original.

**DIT University** 

Dr. Devadesh Sharma

Registrar, DITL Hegistrar
UNIVERSITY

Dehradun-248009

Date: 29.07.2019

**Him Jyoti School** 

(Mionika Arova) Jyoti School Principal, Him Jyoti School Dun

Date: 29.07.2019





### MEMORANDUM OF UNDERSTANDING

### Between

### DIT University, Dehradun & Purkal Youth Development Society, Dehradun

This agreement is made between **DIT University**, **Dehradun**, an Institute for higher education, located on Mussoorie Road, Dehradun, Uttarakhand, India and **Purkal Youth Development Society**, **Dehradun**, a Day Cum Boarding School for bright Boys and girls from impoverished families of Uttarakhand, located in Purkal Village, Dehradun, Uttarakhand, India, on 29 July 2019. The parties hereto agree as follows:

### Purpose:

- Recognizing the importance of mutual collaboration and the contributions to community made by institutions of higher education, both parties share a desire to develop mutually strengthening and enriching international educational and research experiences for both faculty and students.
- 2) The primary purpose of this agreement is to provide a general basis within which specific cooperative activities of an academic and cultural nature may be implemented involving faculty and/or students from Purkal Youth Development Society, and DIT University.
- 3) Faculty and Students in various disciplines will be encouraged to develop contacts and propose collaborative projects. Each project proposal will be considered on its merits. The two institutions will seek internal and external sources for support of programs and exchanges, which may be developed as a result of this agreement from time to time.

### General Provisions:

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Uttarakhand, and the rules and regulations of the DIT University. In the case of Purkal Youth Development Society, these are the laws of the Republic of India, the State of Uttarakhand, and the rules and regulations of the Purkal Youth Development Society, Management.

 At DITU, modification to this agreement shall be initiated through the Office of the Vice Chancellor at DIT University, and at Purkal Youth Development Society, through the Office of the Principal, Purkal Youth Development Society, Dehradun, Uttarakhand.

IN WITNESS WHEREOF the parties hereto have executed two copies of this instrument, each of which shall be considered an original.

**DIT University** 

Dr. Devadesh Sharma

Registrar, DITU

Date: 4 April

Purkal Youth Development Society,

Mr. Anoop Seth

Secretary, Purkal Youth Development Society

Date: 04 04 2019



