

Indore Institute of Science and Technology

Approved by AICTE, New Delhi & Affiliated to RGPV, Bhopal

ACTION TAKEN REPORT 2021-22

S. No.	Points	Action Taken	Proof
1.	Formulation of IQAC is as per guideline of UGC-NAAC.	Done on 05.01.2022	Annexure -1
2.	Industry academic MoUs, Association and Collaboration	Institute have 30 active MoUs, Association and Collaboration	Annexure -2
3.	MoU's towards healthy and happy life	Institute associate with Heartfulness Education Trust	Annexure -3
4.	Develop infrastructure for new sport Pickle Ball	Develop the court of new sport pickleball	Annexure -4
5.	Planning to host the state / National / International level Pickle Ball	IIST going to organize or host Pickle ball state level in the month of September	Annexure -5
6.	Number of SIGs activity	In Academic Year 21-22 Institute conducted 30 Activities under different SIG's	Annexure -6
7.	Number of research paper and patents	In Year 2022, till date 20 research papers published and 14 patent filled	Annexure -7
8.	Plants for degradable and biodegradable waste	Raised PO for STP in month of January, 22	Annexure -8
9.	Install solar plant at various locations	Installed Solar plant at Canteen	Annexure -9
10.	Electricity consumption and replacement of other alternative source of energies	Planning initiated	Annexure -10
11.	Forming Alumni Association	Register Alumni Association under society act.	Annexure-11
12.	Award for the achievers in all fields	Institute Adopt as Best Practices	Annexure-12
13.	Industry visit / Technical Visit	Conducted 15 Visit in year 2021-22	Annexure-13
14.	National and International competition	21 Teams participate in the SIH 2022 and till date 4 teams selected in SIH final	Annexure-14
15.	Maintenance procedure is to be initiate in the campus	Renovation of IIST Building (White Washing)	Annexure-15
16.	All type of Feedback Analysis	Action Taken of academic year 2020-21	Annexure-16
17.	Various club activities	25 activities conducted in various club in year 2021-22	Annexure-17

Copy to:

1. The member concerned
2. IQAC IIST Office
3. Office of the Principal / Director General



Coordinator, IQAC

Notification of composition for the formation of IQAC

Dear Sirs/ Madam,

I hereby inform you that, a new IQAC committee for the period of two years from 2021-22 to 2022-23 is form as per the latest UGC guidelines.

Internal Quality Assurance Cell of IIST:

1. Shri Arun S. Bhatnagar (Management representative)
2. Dr. Keshav Patidar
3. Dr. NirajSoni
4. Dr. Dheerendra V. Singh
5. Dr. Rajkumar Jain
6. Dr. Samatha Singh
7. Dr. Parimeeta Chanchani
8. Dr. Sathish k. Penchala
9. Dr. Dheeraj Rane
10. Dr. NamrataKaushal
11. Mr. Puneet Duggal (Coordinator)
12. Mr. Ankit Jain
13. Mr. Shantanu Roy
14. Mr. Rajesh Bhandari
15. Mrs. KritiVishvakarma
16. Mr. Nishant Bansal
17. Dr. Rupesh Shukla (external expert member)
18. Mr. Sachin Dhanotiya (Director and Cofounder of AiTrillion)(Industry representative)
19. Ms. Dimple Sukhija (Alumni representative)
20. Mr. Prakhar Sharma (student representative)
21. Mr. Ajeet Tiwari (student representative)
22. Mr. Adarsh Navneet Sinha (student representative)

Thanking you in anticipation

Enclosure: Objective and Function of IQAC



Principal

**Indore Institute of Science
and Technology**

Objective

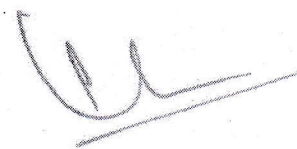
- To develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution.
- To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices.

Functions

- a) Development and application of quality benchmarks for various academics and administrative activities of the institution
- b) Facilitating the creation of a learner-centric environment conducive to quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process;
- c) Collection and analysis of feedback from all stakeholders on quality-related institutional processes;
- d) Dissemination of information on various quality parameters to all stakeholders;
- e) Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles;
- f) Documentation of the various programmes/activities leading to quality improvement;
- g) Acting as a nodal agency of the Institution for coordinating quality-related activities, including adoption and dissemination of best practices;
- h) Development and maintenance of institutional database through MIS for the purpose of maintaining /enhancing the institutional quality;
- i) Periodical conduct of Academic and Administrative Audit and its follow-up
- j) Preparation and submission of the Annual Quality Assurance Report (AQAR) as per guidelines and parameters of NAAC.


(Principal)





Principal
Indore Institute of Science
and Technology, Indore

INDORE INSTITUTE OF SCIENCE AND TECHNOLOGY		
2021-22		
List of MoU's & Association	Start Date	End Date
Virtual Lab	24-Dec-14	Life Time
eYantra IIT Bombay	10-Jan-15	Life Time
National Program Technology Enhanced Learning (NPTEL)	1-Jan-16	Life Time
National Mission on Education through ICT (NME – ICT)	21-Feb-18	Life Time
Internshala	1-Jul-18	Life Time
Red Hat	7-Dec-18	Life Time
AWS Academy	19-Dec-18	Life Time
Google Developer Student Club (GDSC)	22-Feb-19	Life Time
Quality Circle	29-Apr-19	2034-35
Skill Rack	22-Aug-19	Life Time
MSME Technology Centre, Indore	28-Nov-19	Life time
Coursera	19-Mar-20	Life Time
Codechef	31-Oct-20	Life Time
Programming World	5-Jan-21	Life Time
Pi-Tech Pvt. Ltd.	5-Jan-21	Life Time
Hemans AI	11-Jan-21	Life Time
edX	21-Jan-21	Life Time
National Digital Library of India (NDLI)	31-Mar-21	Life Time
Git Hub	3-May-21	Life Time
Geeks for Geeks	24-May-21	Life Time
Manish Shah & Association	1-Sep-21	Life Time
Enviroessentials Pvt. Ltd	7-Sep-21	6-Sep-22
KTRC Engineering Services	13-Sep-21	Life Time
Curtin University Malaysia	1-Oct-21	Life Time
CISCO Networking Academy	25-Oct-21	24-Oct-24
Heartfulness Education Trust	13-Jun-22	12-Jun-25
Tata Community Initiatives Trust	22-Jun-22	31-Dec-23
Microsoft Imagine Academy(MTA)	2019-20	Life Time
Indian Institute of Chemical Engineers (IICHE)	2019-20	Life time
Institution Innovation Council (IIC)	2021-22	2022-23

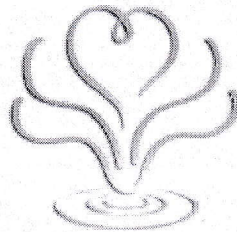


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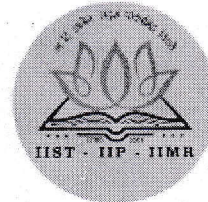
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Heartfulness Education Trust

From Wonder,
Wisdom



**Heartfulness
Education Trust**



MEMORANDUM OF UNDERSTANDING

Between

Heartfulness Education Trust

and





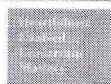
**Indore Institute of Science &
Technology**

**Indore,
Madhya Pradesh, India**



Indore Institute of Science and Technology

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This Memorandum of Understanding (hereinafter referred to as "MOU") has been agreed, made and executed on this, the day of June 2022

Between

HEARTFULNESS EDUCATION TRUST
a registered Trust having its Registered Office at No. 40-15-9/12, Nandamuri Road, Venkateswarapuram Post Office, Vijayawada - 520 010, Andhra Pradesh [(hereinafter referred to as "HET") which expression shall unless repugnant to the context and meaning thereof include its successors, administrators and permitted assignees.]

And

INDORE INSTITUTE OF SCIENCE & TECHNOLOGY, INDORE
located at Rau-Pithampur road, Rau, INDORE DISTRICT- 453331 of MADHYA PRADESH State, [(hereinafter referred to as "IIST INDORE") which expression shall unless repugnant to the context and meaning thereof include its successors, administrators and permitted assignees.]

As the context may require, HET and IIST INDORE are collectively referred to as the 'Parties' and individually referred to as 'Party' in this MOU.

WHEREAS:

i) Heartfulness Education Trust ("HET") is a Public Charitable Trust registered under the Indian Trust Act, 1882 *inter alia* with an objective to impart an Heartfulness approach to various wellness programmes including relaxation, meditation, values based educational programmes for schools, colleges, government organizations, corporates etc., made available to all who are willingly interested in individual development and wellbeing. HET is also engaged in conducting various Teachers' training programmes in collaboration with Certain State Governments/ Education Institutions.

ii) IIST INDORE, located at INDORE DISTRICT- 453331 of MADHYA PRADESH State is one of the leading groups of educational institutions in MP and NCR region. The Institute established in the year (2003), offers variety of courses in Engineering, both at UG and PG levels. The Institute is approved by AICTE (New Delhi) and affiliated to RGPV Bhopal. IIST INDORE believes that the core purpose of education should be the holistic development of student and to unearth the priceless treasure lying dormant in them by providing fair opportunities, space & environment to blossom the seed to its fullest potential. Education can be said conclusive if we attain twin objectives i.e. prepare the students to take care of his inner self as well as how to meet out the expectation of outer world. With this view, IIST Indore has initiated **समस्त समग्रतर्क** **योग्यता** under which, "know thyself, to be thyself, willing to evolve"



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with 360 degree Holistic Development approach is implemented. The institute not only combines the formal education with best practices but also prepare the students for better standard of living as well as better standard of life by applying academic, interpersonal and academia- industry efforts to enhance IQ, EQ, SQ as well as HQ (Happiness quotient) by taking care of his inner self i.e. body, mind and soul.

- (iii) **HET** through its 'Heartfulness' initiatives offers a way for balanced living through various meditation techniques. These simple and effective techniques gradually inhibits feelings of discipline, empathy, brotherhood, leading to mental, spiritual and psychological well-being, helping an individual to transform not only inwardly but also his/ her attitudes, and dealings with society at large.
- (iv) In order to stimulate and facilitate the development of programmes/modules which serve to enhance educational, social, spiritual & emotional development of students through a collaborative approach with **HET** through training and experiential learning **HST INDORE** has agreed on the terms mentioned herein in support of its interest in the field of education and is desirous of promoting mutual cooperation by organizing and conducting educational workshops for mental, spiritual and psychological well-being of its students, and desires to extend the basis for friendly and cooperative collaboration by way of this MOU.

NOW THEREFORE, THE PARTIES HEREBY AGREE AS UNDER:

PURPOSE AND OBJECTIVES





HST INDORE desires to create an example for its University by offering the best for its students so as to enable them to lead lives with purpose and help the society at large. **HST INDORE** has represented that it is a leading institute that offers high quality education and its priority is to provide its students values, inner development so as to perform better in studies & be leaders in nation building. It seeks to provide basic life skills to manage challenges in relationship, avoid intoxicating abuses, digital addiction and dealing with stress of modern life. It aims to enable its students and staff to de-stress, manage life's challenges in healthy ways and find joy, purpose and fulfilment. This will directly enhance their academic and work performance and create a harmonious environment within the institute.

HET has agreed to be helpful in such mission through its offerings and in addition to the above, conduct a thorough teacher and administrative staff training program in "Heartfulness" approach for their inner development so as to enable them to encourage students in this program.



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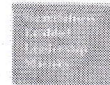
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<p>Both the Parties, by executing this MOU express their commitment to collaborate with each other to conduct Educational, Relaxation, Meditation and other connected Wellness workshops which will help students, teachers in regulation of mind, moderation of tendencies, concentration, sharpening the use of will, self-analysis and acceptance of people and situations. In terms of skills and competencies, it will help the students to have improved learning skills, improved behaviour, humility, emotional maturity, and confidence, stress management, self-awareness and most importantly, develop purpose towards life.</p>			
<p>FACILITATORS</p> <p>Both the Parties shall nominate one or more representatives, who shall be the point of contact/ facilitator for the purposes of this MOU. The facilitators of both the Parties shall maintain regular contact with the other Party as well as propose and review the response received for the workshops and other activities in furtherance of objectives of the purpose and objectives envisioned under this MOU.</p>			
<p>RESOURCES</p> <p>i) IST INDORE shall make arrangements at its agreed venue(s) with required reference reading material, through a heartfulness corner in the library, meditation practice room, audio-visual and other facilities and equipment required for conduct of the programmes.</p> <p>ii) HET shall nominate teachers, trainers and support staff, for conducting, providing training as envisaged in this MOU to participants at these workshops.</p> <p>iii) HET shall provide support to orient their teachers to conduct these HET sessions for their students and will provide full external support. HET will make students of institutions conducted by IST INDORE understand values and their role in improving the quality of life and enable them to impart spiritual training as an Extension Activity in its institutions and when feasible.</p> <p>iv) The Parties shall agree to distribute reading materials/ promotional/ literature to the participants, through any means including video recordings. HET shall share the content of such reading materials/ literature/ video recordings etc., with IST INDORE, before distributing such materials to the participants.</p> <p>v) They shall agree to distribute Promotional items like 'T' shirts, memento and other merchandise or articles at the venue of the programme and at HET's discretion set-up stalls for distribution of such Promotional items and details of the programme etc.</p>			



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- vii) The detailed Scope of Service to be rendered by HET are listed out in Schedule 1 to this MOU which will be adhered to by HET during the term of this MOU.

OTHER OBLIGATIONS OF IIST INDORE

IIST INDORE shall extensively promote HET programs so that greater populace of students shall benefit out of the initiative. As indicated elsewhere in this MOU, being value-based model of education, IIST INDORE can make the initiatives/ programs/ Modules of HET as part of curriculum for the students on a mutually agreed basis.

IIST INDORE shall:

- i) Take initiatives such that its students shall attend the sessions taken by HET with an objective to help them achieve / inculcate the desired value systems to make them global citizens;
- ii) Facilitate students integrate the values imbibed into their lesson plans;
- iii) Jointly conduct surveys to find the effectiveness of the program carried out at regular intervals.

FINANCIAL UNDERSTANDING

HET shall provide its services in Heartfulness meditation practices on **free of charge** basis at all times as agreed. However, it is agreed that certain expenses relating to the training program, faculty etc. shall be on a chargeable basis as under:

Expenses relating to the program in terms of material (recommended reading, library heartfulness corner, meditation room would be set up as per Heartfulness Education Trust recommendations at the institute to be used by students and faculty as per the course requirements).

For training programs for faculty and students organised at the centres of Heartfulness Education trust an appropriate per diem expense would be undertaken by the institute for boarding and lodging.

Logistic:

Reimbursement of actual travel expenses for HET trainers and special guests who are invited to IIST INDORE Campus for conducting sessions/programmes. Actual to & fro airfare & taxi far from place of residence, food and miscellaneous expenses shall be reimbursed. Stay facilities shall be to the account of IIST INDORE. We would provide a guideline.



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TERM

This MOU has been executed for the purpose of organizing workshops/ seminars/ training sessions at the premises of **IIST INDORE** or such other premises as may be mutually agreed upon and shall remain in force for a period of **THREE YEAR**, commencing from the date of execution. This MOU shall terminate after completion of the term of three year, without any financial obligations of Parties, except for pending reimbursements and costs as provided herein. Both the Parties may execute similar agreements for similar initiatives in future or even extend the term of this MOU for such further periods. Either party can voluntarily terminate this MOU by giving 3 months' notice in writing to the other.

It is agreed that **IIST INDORE** shall not copy or infringe upon the initiatives or programmes of **HET** in terms of its program offerings, videos, materials in any of their other individual initiatives and all copyrights shall vest with **HET**.

ASSIGNMENT

This MOU is personal to the Parties and the rights and obligations established herein shall not be assignable by the Parties, except to the extent expressly permitted under this MOU or with the prior written consent of the other party.

INDEMNITY

Except for cost reimbursements, the Services offered by **HET** are on a mutual basis and free of cost. Only willing participants for their own wellbeing / self-development are required to participate. **IIST INDORE** may for development of its students make the **HET** Programmes/Modules as part of its curriculum. The Parties therefore, agree that such services do not give rise to any kind of damage or liability to anybody who participates and therefore no damage can arise therefrom. No indemnity is therefore provided herein. It is clearly understood that **HET** programs do not guarantee success of its objectives or initiatives mentioned in the Article above.






GOVERNING LAW, JURISDICTION & ARBITRATION

This MOU shall be construed, interpreted and enforced in accordance with Laws of India. In case of any differences, both the parties, shall make all efforts to settle the disputes amicably through mutual discussion and negotiation, failing which, dispute(s) shall be referred to a sole Arbitrator appointed by both the Parties, as per provisions of Arbitration and Conciliation Act, 1996. Language of Arbitration shall be English and place of Arbitration shall be Vijayawada, Andhra Pradesh. Subject to the Arbitration Clause, the Courts of competent jurisdiction at Vijayawada shall have exclusive jurisdiction in respect of any and all matters pertaining to this MOU.



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<p>MISCELLANEOUS</p> <p>i) This MOU can only be amended in writing by mutual consent of both the Parties. No modification or amendment to this MOU and no waiver of any of the terms or conditions hereof shall be valid or binding unless made in writing and duly executed by or on behalf of both the Parties.</p> <p>ii) This MOU may be executed in counterparts including but not limited to MOUs, communications exchanged defining responsibilities, obligations of both the Parties for different programs, initiatives etc. under this MOU, each of which shall be deemed to be an original, and all of which, taken together, shall constitute an integral part of this MOU.</p> <p>iii) If any provision of this MOU shall be invalid, illegal or otherwise unenforceable, the validity, legality and enforceability of the remaining provisions shall in no way be affected or impaired thereby.</p> <p>iv) The captions of the clauses of this MOU are for convenience of reference only and in no way define, limit or affect the scope or substance of any clause of this MOU.</p> <p>v) The arrangement contemplated herein being in nature of cooperative strategic alliance for general wellbeing, no monetary consideration is involved.</p> <p>vi) None of the provisions of this agreement as stated above shall be deemed to constitute a partnership between HET and IIST INDORE and no party shall have any authority to bind or shall be deemed to be the agent of the other in any way, it is on principle to principle basis;</p> <p>vii) Neither party shall exercise any rights in the trademarks, copyright or other intellectual property of the other party, except as expressly stipulated herein.</p> <p>viii) All intellectual property rights (IPR) in "Heartfulness", The "Heartfulness" technique of Relaxation/ its connected procedures, "Heartfulness" Relaxation, Heartfulness Cleaning and other Trademarks of HET or of those of its associates used by HET under license shall always vest with HET or its associates and it reserves the right to use the same internally or externally at its sole discretion. IIST INDORE shall not have any rights over the program content/module usage which may be exploited by IIST INDORE only with the prior written permission of HET and in coordination and assistance of HET authorized representatives who are experts in this area. If the version of "Heartfulness" Relaxation/ its connected procedures, "Heartfulness Meditation" is modified or improved, HET may implement such changed versions of wellness techniques anytime during the term of this MOU.</p>				



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IN WITNESS WHEREOF the parties hereto have executed this MOU, in duplicate, by their duly authorized representatives on the date, month and year first written above.

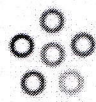
For HEARTFULNESS EDUCATION TRUST For IIST INDORE

Kamal K. Patel *Asim S. Bhadwaj*
FOUNDER DIRECTOR GENERAL
HEARTFULNESS EDUCATION TRUST IIST-IP-JIMR INDORE

NAME KAMAL K. PATEL NAME ASIM S. BHADWAJ
DATE 13-06-22 DATE 13.06.22
PLACE BHOPAL PLACE INDORE
Witnesses: INDORE

1) NAME Dr. Keshav Khilari SIGNATURE [Signature]
2) NAME Babu S.C. SIGNATURE [Signature]





WPF

World
Pickleball
Federation



**Madhya Pradesh Pickleball Association
Organised**

6th State Level PICKLEBALL Tournament - 2022 (17th - 18th September 2022)

Individual Events (Sub-Junior, Junior & Senior)

●●● Sub Junior-Junior ●●●

CATAGORIES

Sub-Junior(U-14)
Sub-Junior(U-16)
Junior(U-19)

SINGLES

Boys/Girls
Boys/Girls
Boys/Girls

DOUBLES

Boys/Girls
Boys/Girls
Boys/Girls

●●●●● Senior ●●●●●

CATAGORIES

Open
35+ Years
40+ Years
50+ Years
60+ Years

SINGLES

Men/Women
Men/Women
Men
Men

DOUBLES

Men/Women/Mix
Men/Women/Mix
Men
Men

Date:

17th - 18th September 2022

Venue:

IIST Campus, Opp IIM(Indore), Rau-Pithampur Rd., Indore

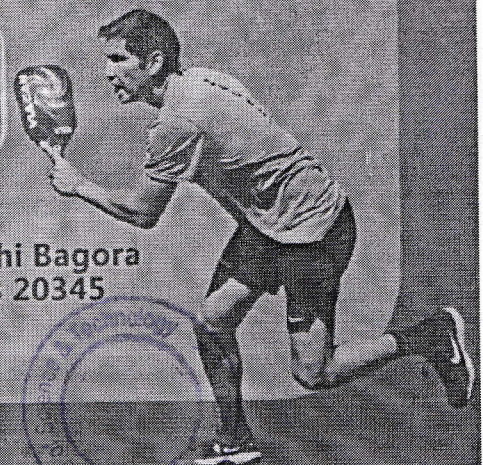
Contact for Registration

Balwant Salunke
98272 22289



Registration

Abhiruchi Bagora
97133 20345



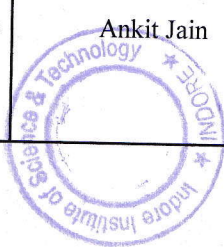
INDORE INSTITUTE OF SCIENCE AND TECHNOLOGY

YEAR 2021-22

Department	Name of the S.I.G.	Name of the event under S.I.G.
Computer Sciecnce and Engineering / Information Technology	Web Development	FullStack development on MERN SATCK (Training)
	Cloud Computing	Cloud Computing AWS course (Certification Course)
	Internet of Things (IoT)	Hands on practice with arduino and node MCU using cloud based services
	Logical building and core programming	Internship on Introduction To Logical Thinking And Smart Programming
		Internship On Advance Java
		Internship On Advance Data Structure Using C
	Logic Building and Core Programming and DBMS	Corporate Training on Java (Core and Advanced)
	AI/ML/ANN	Machine learning and its application
International webinar on Introduction to Machine Learning		
SIG Machine Learning		
Mechanical Engineering	Mechatronics	Internship on Modelling & Simulation using MATLAB & Simulink MODULE I
		Internship on Python Beginner to Professional
	Additive Manufacturing	Workshop on Welding Technology
	Advanced Computation & Simulation	A complete beginner to advanced course: CREO
		Internship on 3D Design based Fundamental Course using CREO
Civil Engineering	Building Planning and Architecture	Workshop on CATIA
	Design of earthquake Resistant Structures	Internship on Auto CAD
	Sustainable Development	Internship on Earthquake Resistant Building
	Rain water Harvesting	Internship on Sustainable Development
	Estimation and Costing of Structures	Internship on Rain Water Harvesting
Chemical Engineering	Process integration & Pinch Technology	Workshop on Total Station in association with K.T.R.C. Engineering Services
	Computational Numerical Statistics	Training on Importance of Process & Instrumentation Diagrams
	AI/Machine Learning in Process Industries	Internship on Computational Techniques in Process Calculations
	Clean Energy	Internship on Python for Chemical Engineering Calculations
	Process & Instrumentation Diagram	Certificate Course on Solid and Hazardous Waste Managment
Electronics and Communication Engineering	Internet of Things (IoT)	Internship on Process & Instrumentation Diagrams
	Design and Fabrication of Circuit	Workshop on the Joy of Learning using Python
	Robotics	Internship Cum Training on Art and Science of PCB Design and Development
		Internship Cum Training on Embedded System Virtual Simulation
		Workshop on Project Skills Development



Title of paper	Name of the author/s	Name of journal	Year of publication	Link to article / paper / abstract of the article
Study on network model and transmission of infectious diseases in hospitals	Dr. Mukesh Patidar	Elsevier science direct	2022	https://www.sciencedirect.com/science/article/pii/S2214785322018818?dgcid=author
An Energy Efficient High-Speed Quantum-Dot based Full Adder Design and Parity Gate for Nano Application	Rahul Gupta	HTL Journal (Scopus,ISO certified)	2022	http://www.gjstx-e.cn/gallery/54-jan2022.pdf
Application of Artificial Intelligence in Chemical Process Industries: A Review	Dr. Samatha Singh	HTL Journal (Scopus,ISO certified)	2022	http://www.gjstx-e.cn/gallery/54-jan2022.pdf
Application of Artificial Intelligence in Chemical Process Industries: A Review	Farhin Khan	HTL Journal (Scopus,ISO certified)	2022	http://www.gjstx-e.cn/gallery/54-jan2022.pdf
Application of Artificial Intelligence in Chemical Process Industries: A Review	Pankaj Malviya	HTL Journal (Scopus,ISO certified)	2022	http://www.gjstx-e.cn/gallery/54-jan2022.pdf
Application of Artificial Intelligence in Chemical Process Industries: A Review	Rahul Bhargava	HTL Journal (Scopus,ISO certified)	2022	http://www.gjstx-e.cn/gallery/54-jan2022.pdf
Application of Artificial Intelligence in Chemical Process Industries: A Review	Dr.D.V.Singh	The International Journal of Emerging Technologies and Innovative Research (JETIR)	2022	http://www.jetir.org/papers/JETIR2201005
CFD analysis of Ejector using different Refrigerants.	Mr. Lokesh Aurangabadkar	The International Journal of Emerging Technologies and Innovative Research (JETIR)	2022	http://www.jetir.org/papers/JETIR2201005
CFD analysis of Ejector using different Refrigerants.	Asmita Rajawat	Optik & Optics	2022	https://doi.org/10.1016/j.ijleo.2022.169475
Design & optimization of multiarray antenna operating in tera hertz band for in vivo nanonetworks	Mukesh Patidar	Materials Today : Proceeding	2022	https://doi.org/10.1016/j.matpr.2022.06.174
Efficient design of high speed combinational circuits & optimal solutions using 45 degree cell orientation in QCA technology.	Ankit Jain	Materials Today : Proceeding	2022	https://doi.org/10.1016/j.matpr.2022.06.174
Efficient design of high speed combinational circuits & optimal solutions using 45 degree cell orientation in QCA technology.	Arpita Tiwari	Materials Today : Proceeding	2022	https://doi.org/10.1016/j.matpr.2022.06.174
Efficient design of high speed combinational circuits & optimal solutions using 45 degree cell orientation in QCA technology.	Margi Patel	GIS Science Journal	2022	http://www.gisscience.net/VOLUME-9-ISSUE-1-2022/68
Future aspects of Artificial Intelligence	Alpana Patel	GIS Science Journal	2022	http://www.gisscience.net/VOLUME-9-ISSUE-1-2022/68
Future aspects of Artificial Intelligence	Ankit Jain	International Journal for Research in Applied Science and Engineering Technology (IJRASET)	2022	http://www.ijraset.com/upload/2022/may/263_Optimization_NC.pdf



Optimization of Smart Antenna Performance using GA and PSO	Devendra Singh Mandloi	International Journal for Research in Applied Science and Engineering Technology (IJRASET)	2022	http://www.ijraset.com/upload/2022/may/263_Optimization_NC.pdf
Optimization of Smart Antenna Performance using GA and PSO	Shravan Kumar Namdeo	The International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	2022	http://www.ijraset.com/upload/2022/may/263_Optimization_NC.pdf
Optimization of Smart Antenna Performance using GA and PSO	Shanu Sharma	UCC APPROVED Journal of Indian Water Works Association April-June 2023	2022	https://www.iwwa.info/images/pdf/April-June%202022-Journal-IWWA.pdf
Revolutionary Inventions in Water Resources Engineering by Using Artificial Intelligence and Internet of Things	Ms. Poonam Bagora	UCC APPROVED Journal of Indian Water Works Association April-June 2022	2022	https://www.iwwa.info/images/pdf/April-June%202022-Journal-IWWA.pdf
Revolutionary Inventions in Water Resources Engineering by Using Artificial Intelligence and Internet of Things	Akashdeep Gupta	International Journal for Research in Applied Science and Engineering Technology (IJRASET)	2022	https://www.ijraset.com/research-paper/solar-powered-farming-harvester



Indore Institute of Science and Technology

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Shail Educational and Welfare Society

Work Order

PO No: SEWS/WO/2021-22/282
PRJ/ CIVIL P/83

Date: - 17.01.2022

To,
M/s. ENVIRO ESSENTIALS
Mr. Ajit kumar bhaskar gaikwad
41, Naykunar, Wadarwadi, Ahmednagar,
Maharashtra (414001)
Local Add, Branch Office 19, Mangal NX Besides petrol pump,
Sukhiya, Indore (M.P.-452010)
Mob. 9039433403, 9503221150, 7709386770

Subject : Work order for Sewage treatment Plant Installation.

Dear Sir,

With reference to your quotation, we are pleased to award you work order for the same

Basic of Design:-

Sewage Treatment Plant:-

a) Plant Capacity	:	100KLD (m ³ /day)
b) Operation Time	:	20 hrs.
c) Hourly Flow (Feed to STP)	:	5m ³ /hr
d) Mode of Operation	:	Manual.
e) Process	:	MBBR Technology

1. Characteristics of Raw & Treated Sewage

The characteristics of raw sewage assume data given below:

Sl. No.	Parameters	Unit	Raw Sewage	Treated Sewage
1	pH	-	5.5 - 8	6.5 - 7.2
2	Biochemical Oxygen Demand (BOD)	mg/l	300	≤ 10
3	Chemical Oxygen Demand (COD)	mg/l	400	≤ 30
4	Total Suspended Solids (TSS)	mg/l	250	≤ 30
5	Oil & Grease	mg/l	15	≤ 5

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P. 17/1/2022

Signature
17/1/2022



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Local Add. Branch Office 19, Mangal NX Besides petrol pump,
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Mob.9039433403, 9503221150, 7709306770

Subject : Work order for Sewage treatment Plant Installation.

Dear Sir,

With reference to your quotation, we are pleased to award you work order for the same

Basic of Design:-

Sewage Treatment Plants:-

a) Plant Capacity	:	100KLD (m ³ /day)
b) Operation Time	:	20 hrs.
c) Hourly Flow (Feed to STP)	:	5m ³ /hr
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5	Oil & Grease	mg/l	15	≤ 5

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Amalwara
17/1/2022



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I. Scheme of Treatment:

This sewage treatment plant will be designed for a capacity of 100% L.D. Sewage treatment plant scheme will be based on an Aerobic Process.

> Pretreatment:

Pretreatment will consist of Screening, Oil & Grease removal & Flow equalization.

> Secondary/Biological Treatment:

Secondary Treatment process will consist of Biological Aeration (MBBR) and Biological Clarification.

> Tertiary Treatment:

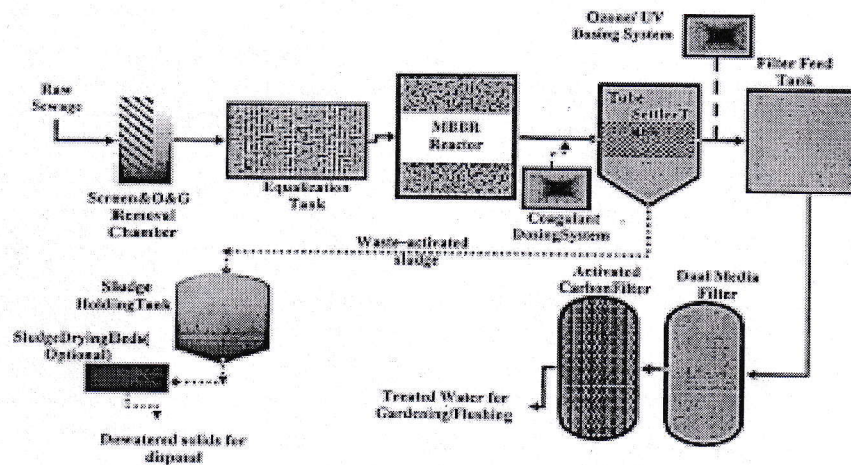
Tertiary treatment process will consist of Media (Sand & Carbon) Filtration & Disinfection.

> Sludge Treatment:

Sludge treatment process will consist of Sludge Drying Bed.

Plant Data Details:

1. Process Flow Diagram-STP



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2. Process Description Sewage Treatment Plant:

The sewage treatment plant will be designed for a capacity of 100 KLD. The scheme of treatment plant will be based on MBBR Technology. Raw sewage will be passed through fine manual bar screen store move solids, floatables, and Oil & Grease chamber for removal of oil & grease from raw sewage before passing to equalization tank. The sewage then will be collected in Tank. The Equalization cum collection Tank will be provided with aeration by blowers for mixing and aseptic conditions. Raw sewage from equalization Tank will be lifted by Raw Sewage Lifting Pumps to MBBR Aeration Tank. Aeration tank is provided with Aeration Systems for biological aeration purpose with MBBR Media.

In the aeration tank oxidation of biological matter occurs. The aerobic bacteria present in activated sludge help in digestion of organic matter degradation for reduction of BOD. Aerobically digested sewage water is then passed to secondary clarifier where it biological flocs formed will be removed and separated by means of gravity. The excess bio sludge is sent sludge drying bed. Clarified water is then passed through multimedia and activated carbon filters for removing turbidity by means of Filter Feed Pumps. Multimedia filtration removes fine particulate and suspended solids while activated carbon filter removes odour and organic traces. Ozonation / UV treatment issued for disinfection of treated water.

3. Scope of Supply:

Electro-Mechanical Equipments:

Sr. No.	Description	Quantity
1.	Manual Bar Screen	1No.
2.	Raw Sewage Lifting Pumps	2No.
3.	Blowers	2No.
4.	Air Diffusion Grid For Equalization & Aeration and sludge Holding Tank	1 lot
5.	Air Diffusers for Aeration Tank	1 lot
6.	MBBR Media	1Lot
7.	Tube Settler Media	1No.
8.	Sludge Recycle Pump	2No.
9.	Disinfection system	1No.
10.	Filter Feed Pump	2No.
11.	Dual Media Filter	1No.
12.	Activated Carbon Filter	1No.

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Dr. [Signature]

6/1/20



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4. Instrumentation and Controls:

Sr.No.	Description	Quantity
1	Electrical Panel	1 No.
2	Pressure gauge	As per Requirement
3	Level Switch	0 No.
4	Flow Meter	1 No.

Technical Specifications of Electro-Mechanical Equipments:

1. Manual Bar Screen-

Sr. No.	Description	Unit	Specification
1	Quantity	Nos.	1
2	Size of Bar	mm	10
3	MOC	-	MSEP/GU/SS316
4	Make	-	EE

2. Blowers for Equalization Tank & Aeration Tank-

Sr.No.	Description	Unit	Specification
1	Quantity	Nos.	2
2	Air Capacity	m ³ /hr.	90
3	Power	HP	3
4	Motor Speed	rpm	1440
5	Make	-	Everest/Equi.

3. Air Diffusion Grid for Equalization Tank-

Sr.No.	Description	Unit	Specification
1	Quantity	Nos.	1 lot
2	MOC	-	UPVC
3	make	-	Astral/Finolex

4. Raw Sewage Lifting Pump-

Sr.No.	Description	Unit	Specification
1	Quantity	Nos.	2
2	Capacity	m ³ /hr.	5.0
3	Head	m	12
4	Power	HP	1.0
5	Make	-	Kirloskar /Lubi

5. Air Diffusion Grid for Aeration Tank + Diffusers -

Sr. No.	Description	Unit	Specification
1	Quantity	Nos.	1
2	MOC	-	UPVC
3	Make	-	Astral/Finolex/equivalent
4	Diffusers	-	-
5	Quantity	Nos.	8 Nos
6	Type	-	Tube/Disc
7	MOC	-	Membrane-EPDM
8	Make	-	S-Cogen/EDI

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O. Anjan



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7. MBBR Media For Aeration Tank-

Sr.No.	Description	Unit	Specification
1	Media Volume	m ³	1 Lot
2	Media Type	-	MBBR
3	MOC	-	Stabilized PP
4	Make	-	Cool deck /MMAqua

8. Tube Settler Media-

Sr.No.	Description	Unit	Specification
1	Media volume	-	1 lot
2	Filtering Media	-	Tube Settler Media
3	Application	-	Solids Separation

9. Sludge Recycle Pump -

Sr.No.	Description	Unit	Specification
1	Quantity	Nos.	2
2	Capacity	m ³ /hr	0.75
3	Head	m	8
4	Type	-	Centrifugal
5	Power	HP	0.50
6	Make	-	Kirloskar/Equiv.

10. Ozone Dosing System -

Sr.No.	Description	Unit	Specification
1	Discharge	-	Ozone Gas
2	Dosing System	Nos.	1
3	Pump capacity	HP	0.5Hp

11. Filter Feed Pump-

Sr.No.	Description	Unit	Specification
1	Quantity	Nos.	2
2	Capacity	m ³ /hr.	5.5
3	Head	m	26
4	Type	-	Centrifugal
5	Power	HP	2
6	Pump make	-	Kirloskar/Equi.

12. Dual Media Filter-

Sr.No.	Description	Unit	Specification
1	Quantity	Nos.	1
2	Capacity	m ³ /hr.	5.5
3	Type	-	Downflow
4	Operating design pressure	Kg/cm ²	3.5
5	Shell diameterxHOS	mm	750 x1200
6	Operation	-	Manual
7	Vessel Material	-	MSEP/FRP
8	Valvetype	-	MPV
9	Mediatype	-	FineSand +Coarse sandGravel+Pebbles

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Dr. Anandwiga



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13. Activated Carbon Filter –

Sr. No.	Description	Unit	Specification
1	Quantity	Nos.	1
2	Capacity	m ³ /hr.	5.5
3	Type	-	Down flow
4	Operating design pressure	Kg/cm ²	2.5
7	Shell diameter x HOS	mm	750 x 1200
8	Operation	-	Manual
9	Vessel Material	-	MSEP/FRP
10	Valve type	-	MPV
11	Media type	-	Carbon + Coarses and Gravel+ Pebbles

14. Piping Specifications:

Sr. No.	Description (Fluid)	Material of Construction
1	Raw Sewage	UPVC
2	Bio sludge	UPVC
3	Inter connecting pipes for STP	UPVC

15. Electrical Panel and Cabling:

Sr. No.	Description of Instruments	Nos.	Specification
1	Panel	-	Semi-Automatic
2	Cabling	-	Electrical cabling shall be provided from control panel to various units of water Treatment plant. Copper Flexible.

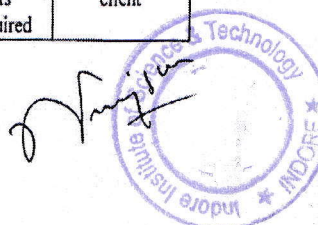
Tank Description

Sr.No	Civil (Client's Scope)	MOC	Volume, Effective	Scope
1.	Bar Screen chamber	Brickwork	0.94 m3	client
2.	Oil & Grease Chamber	Brickwork	0.94 m3	client
3.	Equalization Tank	RCC	62.5 m3	client
4.	Treated Water Tank	RCC	25 m3	client
5.	Sludge Drying Bed	Brickwork	6.75 m3	client

6.	Aeration Tank	RCC	37.50 m3	client
7.	Tube Settler Tank	RCC	10.45 m3	client
8.	Intermediate Storage Tank	RCC	12.7 m3	client
9.	Plinth & Foundation for Equipments	RCC	As required	client

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UTILITY CONSUMPTION :

To operate STP plants following heads are to be considered.

- o Electricity consumption
- o Chemicals & Manpower

a. Electrical load

Sr.No.	Description	Installed load, Kw	Working load, Kw
01	STP Plant	10.2	5.25

b. Chemical & Manpower

Sr.No	Description	Quantity
01	Alum	1 kg/day
02	2 Operator	9hrshift

Battery Limits:

Battery Limit extends up to-

- Raw water-At inlet of Screen Chamber.
- Treated Water-At outlet of Carbon Filter.
- Sludge Handling-At outlet of Sludge Drying Beds.
- Electrical-At terminal of MCC panel.

The following are excluded from your scope of supply

- All civil works.
- Consents/permission from government authorities.
- Supply for electrical power and earthing to electrical control panel.
- Outlet piping to drain (from outlet of Filter)

BATTERY LIMIT

1. Effluent at Inlet of Bar Screen Chamber to Outlet of Filters.
2. Sludge outlet to Sludge Drying bed.
3. Power supply of electrical panel.

Total Amount – Rs.7,10,000 (Seven Lakh Ten Thousand Only) + 18% GST extra.

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*Dr. Jyoti
Mishra*



Indore Institute of Science and Technology

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Terms & Conditions:-

1. Prices : F.O.R Shail Campus
2. Payment : 50% of total amount as an Advance (Within a week structure drawing will be provide by vendor)
35% of total amount against Performa prior to dispatch
10% of total amount against Erection & commissioning
5% of total amount as a Security Deposit will be deducted from each RA bill & shall be released after 04 month of successful commissioning.
3. Acceptance : Services will be approved & certified by civil dept. Contractor has to take care of safety precautions while performing the work, institute will not be responsible for any loss of life & material.
4. Compensation : No. compensation will be provided for any theft or mishap
5. Others Terms:
 - (1) 1year warranty period will be provided by you or company for any kind of machine failure.
 - (2) Log Book either digital or manual will be provided by you.
 - (3) Any problem in operation will be addressed within 24 hours by you (Till Warranty period)

Amalviya

Sr. Purchase Officer

D. Jaisri
MINISTRATION
17/11/2012
Authorized Signatory

[Signature]
Token of Acceptance



Shail Educational & Welfare Society
Opp. IIM, Pithampur Road, INDORE

Solar Power Plant
Ledger Account

Solar Panel

1-Apr-2021 to 31-Mar-2022

Date	Particulars	Vch Type	Vch No.	Debit	Page 1 Credit
28-2-2022	To Mine Teknology	Journal			
	New Ref JV/02/89	3,10,544.00 Dr	JV/02/89	3,10,544.00	
	Invoice no:- 61 dt. 20.01.2022 Payble to Mine Teknology towards Purchase Solar Plant (01 Nos.) & Battery (04 nos.) vide GRN no:- 431 dt. 03.02.2022 & PO no:- 266 dt. 29.12.2021 as per details attached				
By	Closing Balance			3,10,544.00	
					3,10,544.00
				3,10,544.00	3,10,544.00





रूप क्रमांक 2
(देखिये नियम 7)
मध्य प्रदेश शासन



सोसायटी के रजिस्ट्रीकरण का प्रमाण पत्र

क्रमांक 03/27/01/24188/22

यह प्रमाणित किया जाता है कि एल्यूमिनाई एसोसिएशन ऑफ इन्दौर इंस्टीट्यूट ऑफ साइंस एण्ड टेक्नोलॉजी, सोसायटी जो आय.आय.एस.टी. केम्पस, आय.आय.एम. के सामने, पीथमपुर रोड, राऊ, जिला - इन्दौर तहसील इन्दौर जिला इन्दौर में स्थित है, मध्यप्रदेश सोसायटी रजिस्ट्रीकरण अधिनियम, 1973 (सन् 1973 का क्रमांक 44) की धारा के अधीन तारीख 13 अप्रैल 2022 को रजिस्ट्रीकृत की गई है।

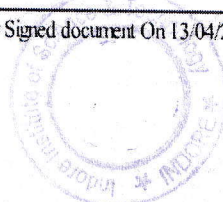
दिनांक 13 अप्रैल 2022

सोसायटियों के रजिस्ट्रार

Signature valid

Signed by: Assistant Registrar
on 4/13/2022 12:50:02 PM

Note : This is a Digitally Signed document On 13/04/2022 12:44 PM Server Name : JHELM



Indore Institute of Science and Technology, Indore

Alumni Members

S.No.	Name	Branch	Nominated for
1	Mr. Ankit Jain	Electronics & Communication Engineering	President
2	Mr. Pushpjeet	Computer Science Engineering	Vice President
3	Mr. Shantanu Roy	Mechanical Engineering	Secretary
4	Mr. Lokesh Aurangabadkar	Mechanical Engineering	Treasurer
5	Mr. Faizan Khan Mansuri	Chemical Engineering	Member
6	Mr. Harshil Sitlani	Civil Engineering	Member
7	Mrs. Pratiksha Aurangabadkar	Electronics & Communication Engineering	Member





Indore Institute of Science and Technology

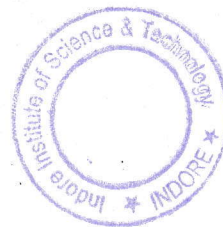
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“Forte Trawl 2023”- Arise & Shine

With this dawn of forthcoming academic year 2022-23, IIST brings to you plenteous events which will be organized timely, which you can be a part of, and excel & win accolades.

Following are the proposed schemes by our Director General Sir, (for present batches and incoming batches), based on which events will be organized:

1. Gold medal for best all rounder (institution wise) applicable for 2023 pass out batch only
2. Silver medal for second best all rounder (institution wise applicable for 2023 pass out batch only
3. Best debater awards- 1st, 2nd & 3rd prize
4. Spectacular sportsperson award- 1st, 2nd & 3rd prize
5. Topper of I, II, III and IV Year students branch wise/course wise
6. Coder of the year- 1st, 2nd & 3rd prize
7. Students Publisher of the year (Max. Paper Published)- 1st & 2nd prize
8. 100% students attendance in the class- 1st prize (institution-wise)
9. Best major and minor project 1st & 2nd prize
10. Best Startup Idea award- 1st, 2nd & 3rd prize
11. Patent Award (Maximum no of patent) 1st & 2nd prize
12. Best Hackathon team 1st & 2nd prize
13. Best speaker award 1st, 2nd & 3rd prize
14. Scholarship cum Merit based Fee structure.



INDUSTRIAL TOUR/VISIT DETAILS

S.No.	Year	Department	Name of the program	Industry Name & Address	Duration/Date
1	2021-22	Civil	Crusher Plant Visit	MSK Crusher Plant, Village Khandwa, Indore	04/04/2022
2	2021-22	Civil	Technical Visit at Road Construction Site	Road Construction, Sonway, Indore	13/04/2022
3	2021-22	Civil	Technical Visit at Building Construction Site	Dimensions, Pragati Nagar, Indore	16-04-2022
4	2021-22	Civil	Ready Mix Concrete Plant Visit	MSK RMC Plant, Village Khandwa, Indore	4/4/2022
5	2021-22	CM	Industrial Visit	HPCL Mangliya	23/04/22
6	2021-22	ME	Industrial Visit	Sanchi Milk Plant, Magliya	11/3/2022
7	2021-22	EC	Industrial Visit	RRCAT On National Science Day	28/02/2022
8	2021-22	EC	Industrial Visit	Indore Sahkari Dugdh Sangh Maryadit, Indore M.P.	13/04/2022
9	2020-21	EC	Industrial Visit	RRCAT On National Science Day	28/02/2021
10	2019-20	Civil	Ultratech Ready Mix Concrete Plant Visit	MSK Crusher Plant, Village Khandwa, Indore	31-08-2019
11	2019-20	Civil	Technical Visit	AD Hydro Plant Manali	01 to 07-03-2019
12	2019-20	Civil	Technical Visit at Water Treatment Plant	Water Treatment Plant, Jalud	12-10-2019
13	2019-20	CM	Industrial Visit	Rama Phosphates Limited, Dharampuri, Indore (M.P.)	4/10/2019
14	2019-20	CM	Technical Visit	IIT Indore	12/7/2019
15	2019-20	ME	Industrial Visit	Shakti Pumps, Pithampur	31/08/2019
16	2019-20	ME	Industrial Tour	Green Panel Industries, Rudrapur, Uttarakhand	01 to 08 March 2020
17	2019-20	EC	Industrial Visit	RRCAT On National Science Day	29/02/2020
18	2019-20	EC	Industrial Tour	Pie Infocomm Lucknow	(19 september 2019 to 18 th september 2019)
19	2018-19	Civil	Technical Tour	AD Hydro Plant Manali	04 to 10-03-2019
20	2018-19	Civil	Technical Visit at RMC Plant	BRG Infra Near Teen Imli Indore	15-03-2019
21	2018-19	CM	Industrial Visit	Hindustan Petroleum Corporation Ltd. Magliya	9/2/2019
22	2018-19	CM	Industrial Tour	Vardhman Textile Ltd. Baddi Haryana	03-10 Jan 2019
23	2018-19	CS	Industrial Tour	Hydro power plant manali	14-21/03/2019
24	2018-19	ME	Industrial Tour	Hydro power plant manali	10-13 March 2019
25	2018-19	ME	Industrial Visit	Mahindra 2 Wheeler, Pithampur	4/1/2019



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INTERNAL HACKATHON 2022

Summary:

The Internal Hackathon of IIST was conducted on March 15, 2022 [Tuesday]. On 14 March a brief about internal hackathon was given. It was an online. There were idea presentations from 20 teams. Total 20 selected teams were official nominations to Smart India Hackathon 2022. The selected teams were inclusive of the teams from Students' Innovation category.

The idea-cum-team selection was conducted by panel of 3 Judges during the Internal Hackathon and the judgment was solely based on the Ideas [that were presented by prospective team in prescribed format]. Details of jury panel is given below:

1. Atul Singh Kushwaha
Software Engineer
Brightleaf Solution Private Limited
Mob. +91-8224052940
Email. atulsingh41189@gmail.com
2. Samvad Gour
Senior Software Engineer
Product Security @Playstation5
Company - Sony India Software Centre
Mob. +91-8962346662
Email. goursam@gmail.com
3. Rishabh Pandey
Founder and CEO of Robo Inventors, Indore
Mob. +91-9111454283
Email. roboinventors@gmail.com

It was suggested that student teams should invest sufficient time in conceptualization of the solution to the stated problem statements (available at <https://www.sih.gov.in/sih2022PS>) and creating the idea document for submission. Team registrations started from 28 February to 14 March 2022.

Evaluation parameters were Relevance of Problem and Solution, Feasibility of Solution and Applicability of Solution. Top 10 teams in Internal Hackathon 2022 would be awarded with a cash prize of 3000/- (per team) and participation certificates will be given to all participants. Total 20 Teams participated with 48 Female and 72 Male.



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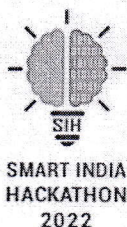
Banner :



Ministry of
Education
Government of India



MoE's
INNOVATION CELL
(GOVERNMENT OF INDIA)



Indore Institute of Science & Technology
Conducting

Online
Internal-Hackathon-2022

14th-15th March 2022



Top Ten(10) Teams

will be rewarded with **Rs.3000/-**
(Certificate for all participants)

for further information contact:
Ms. Margi Patel (+91 97133 62915)

Note: Winning teams' proposal will be applied for SIH2022
Team formation: 6 members (at least 1 girl member mandatory)



www.facebook.com/IISTcollegeindore/



www.instagram.com/indoreinstitute1



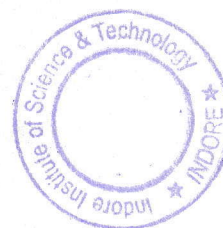
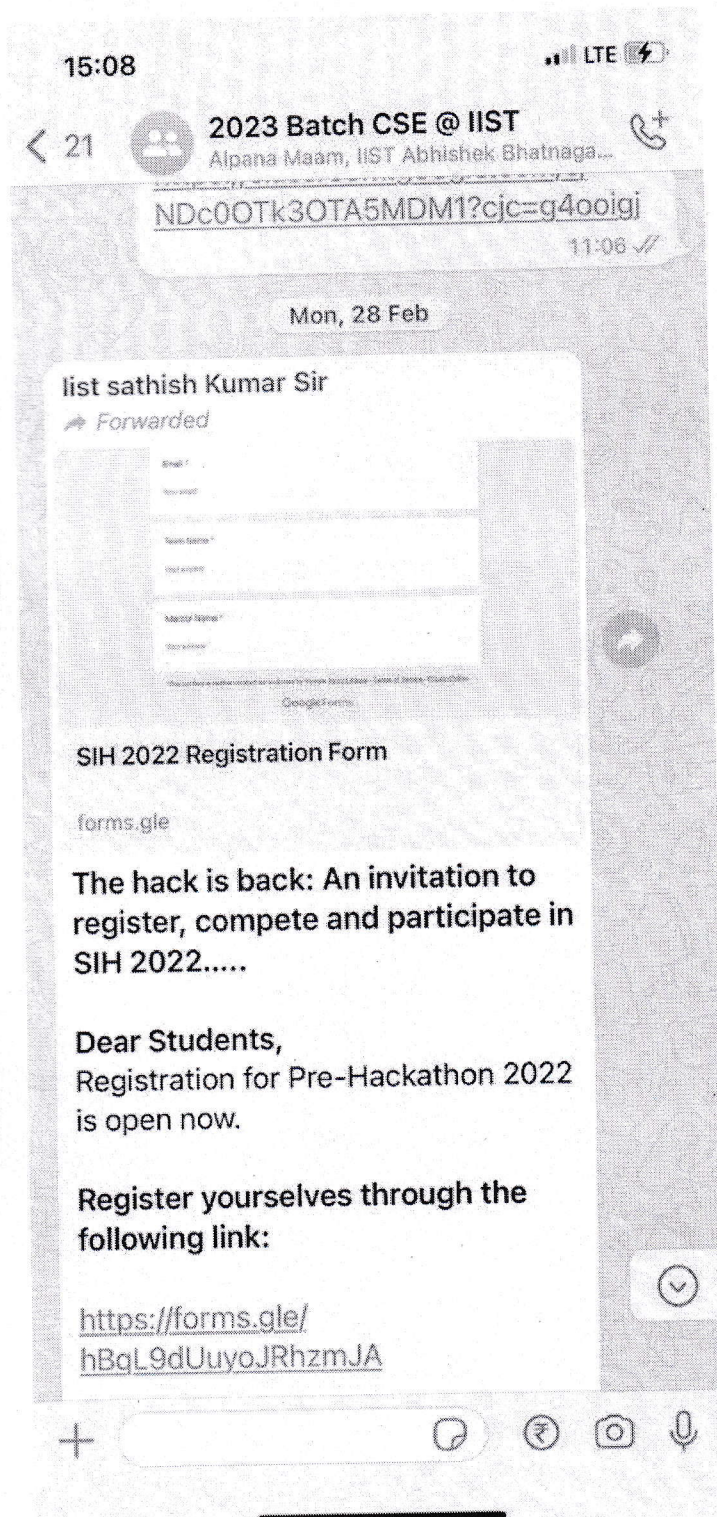
www.linkedin.com/school/indore-institute

for problem statements visit

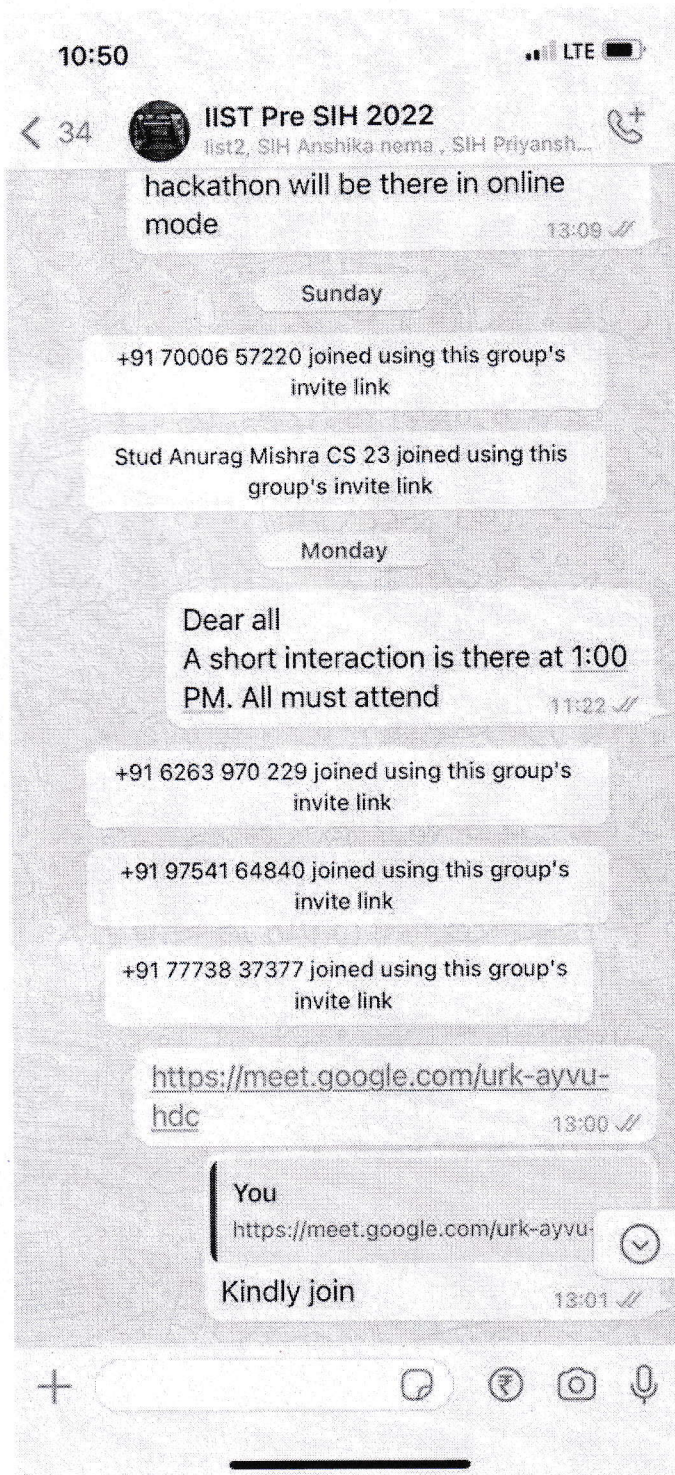
www.SIH.gov.in



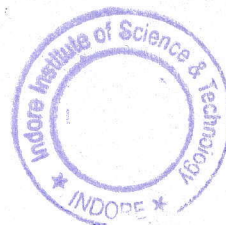
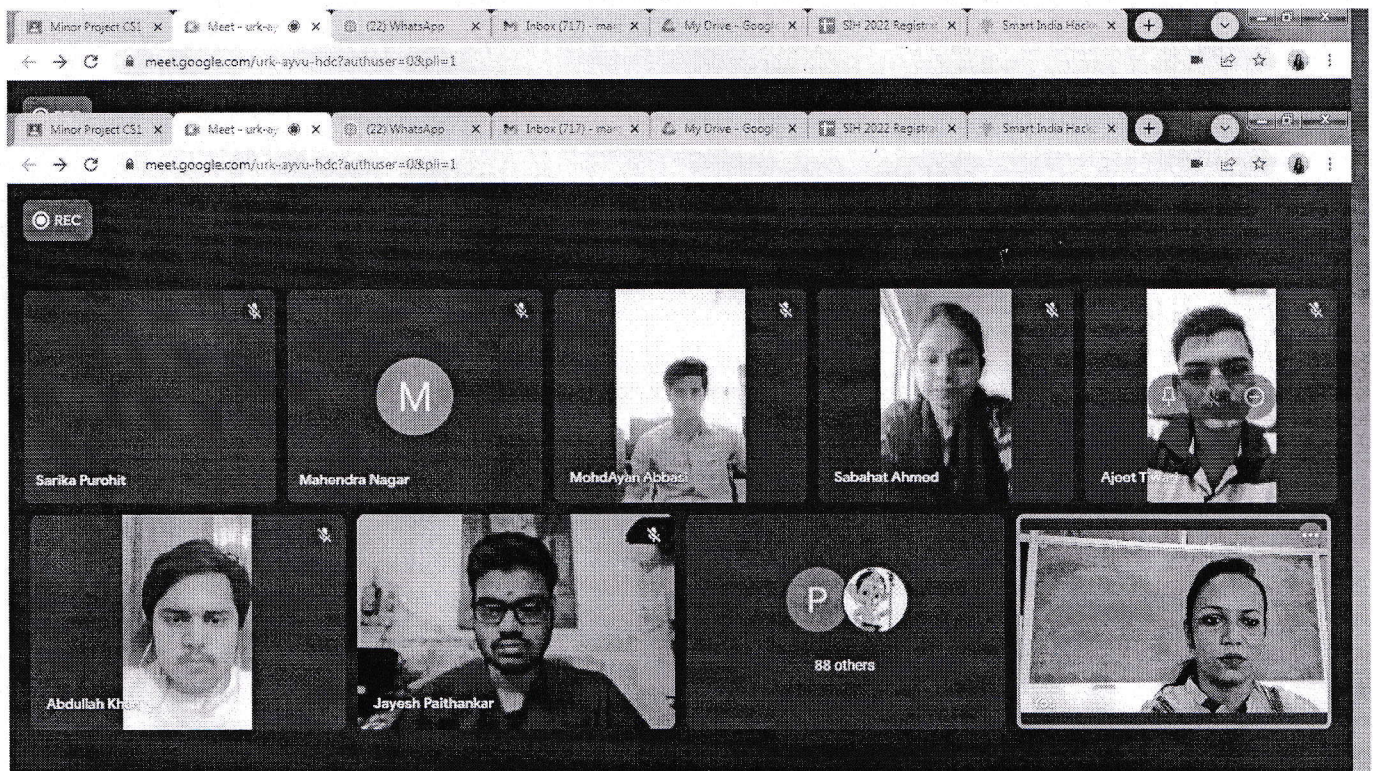
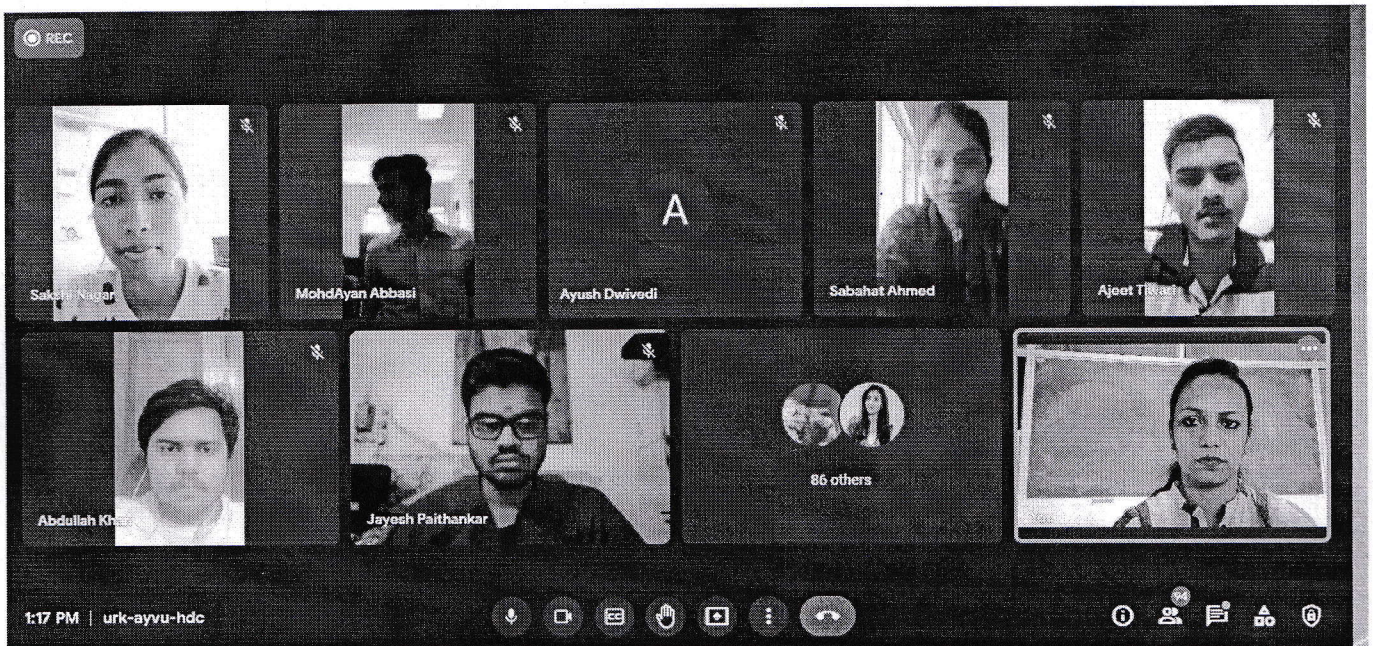
Notice Screen shot for Students Whats app group:



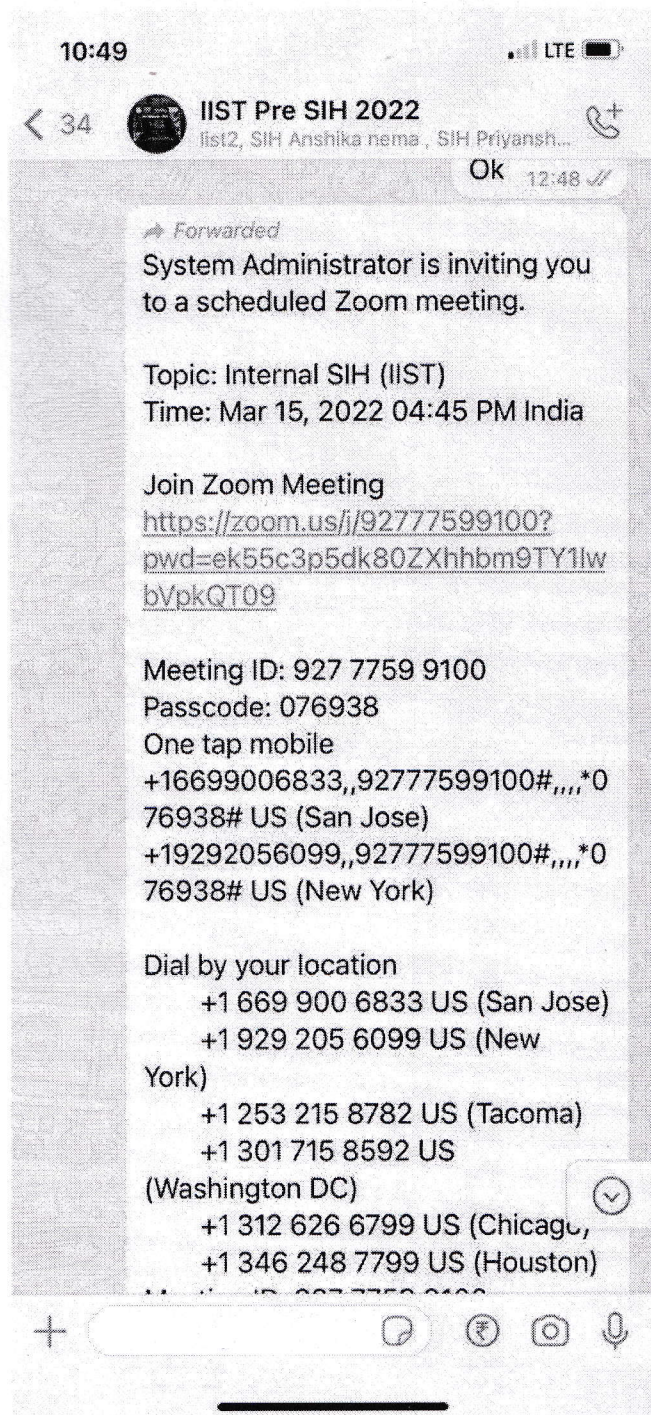
Meeting Link Shared with students on 14 March 2022 (For briefing about Online Internal Hackathon 2022):



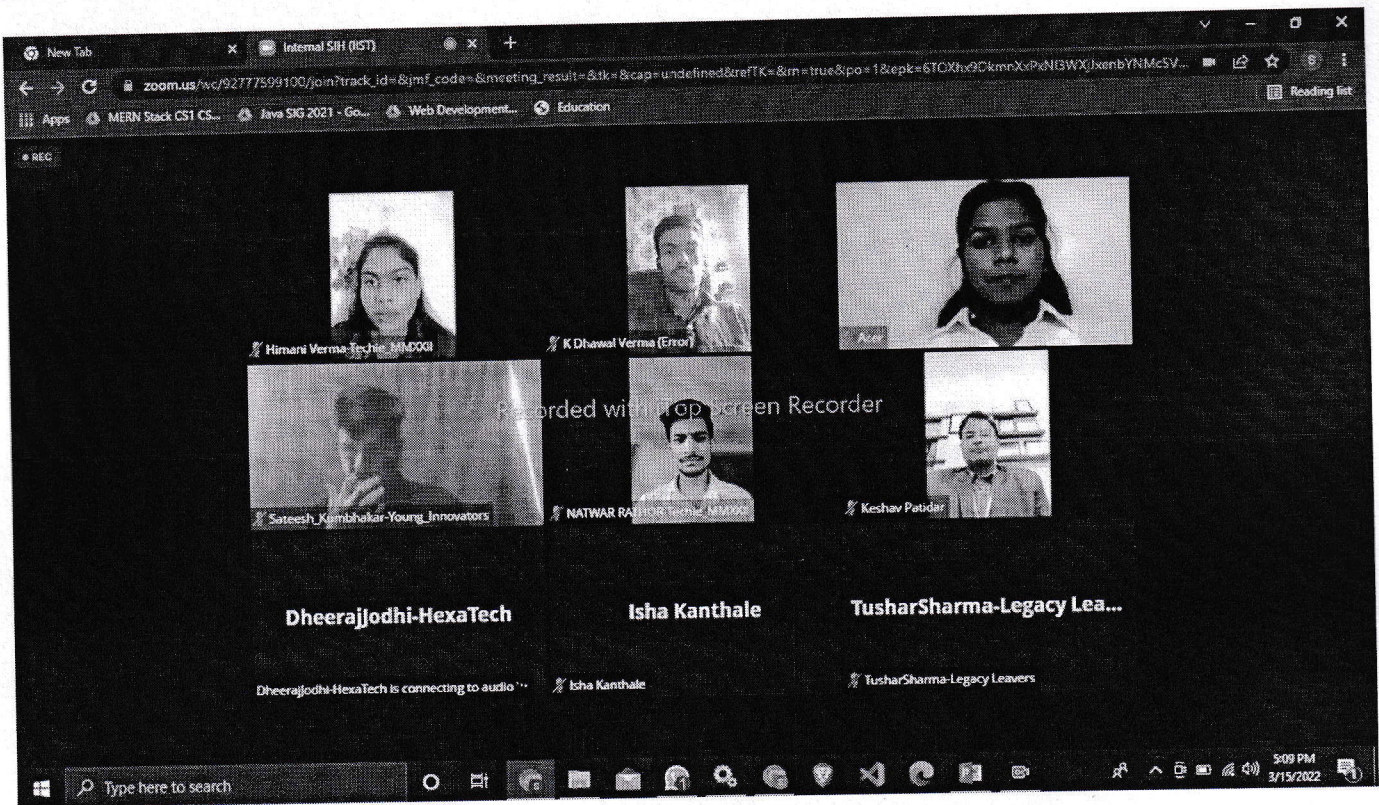
Pictures of briefing on 14 March 2022:



Meeting Link Shared with students on 15 March 2022 (For Online Internal Hackathon 2022):



Picture of Internal Hackathon 2022 (15 March 4:45 PM onwards)



Zoom Meeting

Recording

Participants (120)

Find a participant

DK Durva kulkarni - Hexa Tech

FM Faizan Mansoori - QR-Coders

F Faizan Mansoori - QR-Coders

GP Ganga Prajapat-The Revolution...

H HarpreetKourArora-DevFolks

HE Harshsahu- Error

HM Hemant Mulchandani - Dope T...

HV Himani Verma-Techie_MMXXII

HY Himank Yadav-Quark Tech

HC Himanshu-QR CODERS

Hritik Nagar Impulse Fortuitous

H Hritika Joshi (Error)

JP Jayesh Paithankar-VagaCoders

J JayeshSharma-Quark

Invite Unmute Me

PrashantSinghS...

PrashantSinghSolanki-Serv...

Margi Patel

Mohitnagar-Servermonk

Shubham Gupta

DheerajYadav-F...

DheerajYadav-Farmasters VI

santosh_kumbh...

santosh_kumbhkar_young L...

Vedanshi Mishra-QuarkTech

Hritik Nagar Impulse Fortui...

PriyanshuModi-Techie_MM...

Tanish bhati Qu...

Tanish bhati Quark tech

Naman Pathak (...)

Naman Pathak (Busted min...

Hritika Joshi (Error)

Ritik yadav

Keshav Patidar

Atul Kushwah

Atul Kushwah

Samvad Gour

Samvad Gour

Rishabh Pandey

Sudhanshu Gupta.The Sopr...

Dr sathish kumar

KartikVerma-Techie_MMXXII

Pranjal Maiyya - Paradox

Ajeet Tiwari _scr...

Ajeet Tiwari _servermonks

Sakshi Nagar- Y...

Sakshi Nagar- Young Innov...

System Adminis...

System Administrator

Balram Raghuwanshi

5:07 PM
3/15/2022

Zoom Meeting

Recording

Participants (122)

Find a participant

FM Faizan Mansoori - QR-Coders

F Faizan Mansoori - QR-Coders

GP Ganga Prajapat-The Revolution...

H HarpreetKourArora-DevFolks

HE Harshsahu- Error

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Ritik yadav

Keshav Patidar

Atul Kushwah

Atul Kushwah

Samvad Gour

Samvad Gour

Rishabh Pandey

Sudhanshu Gupta.The Sopr...

Dr sathish kumar

Anurag,Mukeshi- A380 SHI...

PratikKumbhkar-Servermonk...

Sabakat Ahmed-- ACHEVE

NATWAR RATHOR Techie...

Ankit Jain

JayeshSharma-Quark

5:07 PM
3/15/2022





Link of event details posted on Facebook and Instagram :

<https://hi-in.facebook.com/IISTcollegeindore/posts/the-hack-is-back-an-invitation-to-register-compete-and-participate-in-sih-2022de/5330365823660947/>

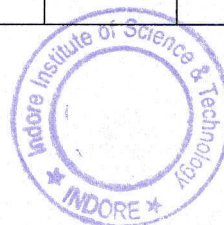
https://m.facebook.com/story.php?story_fbid=5352936251403904&id=247772811920299

https://www.instagram.com/p/Ca_vXFuMekM/?utm_medium=copy_link

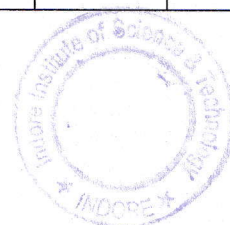


Evaluation Sheet Consolidated

S.No	Team Leader	Team Leader Contact Number	Problem Statement Title	Category	Samvad Gour	Atul Singh Kushwaha	Rishabh Pandey	Total
1	Kartik Verma	9131086145	A Web Portal To Manage And Strengthen Dairy Infrastructure Of Dairy Processors Of The Cooperative And Private Dairy Sector.	Software	33	33	25	91
2	Pranav Shukla	9644073478	Student Innovation	Software	32	31	18	81
3	Prakhar Sharma	9993500312	Development Of A Web-Based Platform & Mobile App For Storing & Sharing Information About Accessible Buildings/ Offices/ Public Places/ Bus Stops/ Railways/ Marketplace Schools Etc.	Software	41	34	37	112
4	Harpreet Kour Arora	9111740955	Application To Improve Reading Proficiency	Software	42	41	37	120
5	Himank Yadav	9669690261	Ticketless Entry System To Monuments/Museums	Software	36	37	31	104
6	Anushka Dubey	6266619962	To Develop A Website For Systematic Farming For Farmers In Local Languages	Software	30	30	31	91
7	Sabahat Ahmed	8319309910	Career Guidance System	Software	38	25	39	102
8	Priyanshubaghel	9171223225	Student Innovation	Software	31	28	38	97
9	Pranjal Malviya	7974306371	Moving Vehicles Registration Plate Detection	Software	33	37	36	106



10	HEMANT MULCHAND ANI	9754164840	To Develop Economic Waste Management System For Each Village/City.	Hardware	41	33	33	107
11	Pratik Kumbhkar	6266124546	To Develop A Mobile App For Aicte	Software	36	26	32	94
12	idrishbohra	7742052521	Ticketless Entry System Of Monuments And Museums	Software	36	20	32	88
13	Anurag Mukati	9425335205	App-Based Solution To Identify & Solve Diseases In Plants/Crops	Software	33	37	25	95
14	AnshikaNema	9725260249	E-Commerce For Artisans	Software	33	30	34	97
15	Tushar Sharma	9617830468	Tourism Is A Major Source Of Income For The State Of Uttarakhand. To Give It Further Boost, The Govt Wants To Create A Tourist Friendly Application Which Will Have The Details Of All The Char Dham And Other Important Places Present In The State. The Application Should Also Help Tourists Get Local Information Regarding Availability Of Stay And Lodging At Partner Hotels.Objective:A pplication To Get Info About Important Places And Char Dham.	Software	33	40	33	106



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16	Vedantkhandelwal	+916266942007	Develop Solution/Application To Regulate Private Health Care Sector In India From Exploiting People During Medical Emergencies And Pandemic Situations.	Software	38	40	30	108
17	Surabhi Srivastava	8787086646	Suggesting The Minimum Support Requirements At Tourist Destination, Community Level To Ensure Suitability Of Setting Up Of Homestay Ecosystem.	Software	33	33	29	95
18	Durva Kulkarni	9399492708	Development Of Integrated Dashboard For Placement (Students And Companies)	Software	36	31	35	102
19	SarikaPurohit	6264103441	To Develop A Mobile App For Aicte	Software	36	31	31	98
20	Harsh Sahu	7000265962	Student Innovation	Software	33	30	24	87



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DEPARTMENT OF CHEMICAL ENGINEERING

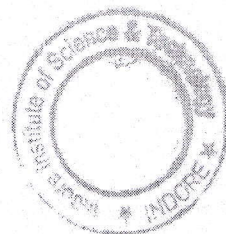
ACTION TAKEN REPORT BASED ON FEEDBACK 2020-21

Category	Questions	Action Taken by Department
Semester / Course End Feedback including Curriculum Feedback	Demonstrate the ability to design of various component of industrial production process.	Focus on Skill based training in upcoming session
	Awareness societal, environmental and economic considerations in professional activities	Conduct Academic activities to make students aware about society problems
Program End Survey	I can able to take societal, environmental and economic considerations in professional activities	Ensure students to participate in more number in industry based internship to understand the problem and solution of society.
	I can able to design various component of industrial production process	Less lab session but as per university lab session will be ensure in upcoming session
Alumni Survey	Communication: An ability to communicate verbally, in writing and audio-visually in industrial activities performance.	Increase the session of PDP and Aptitude in next academic year
	Environment and Sustainability: An Ability to take societal, environmental and economical considerations into account in professional activities.	Ensure students to participate in more number in industry based internship to understand the problem and solution of society.
	How would you rate the motivation created by the syllabus to pursue post-graduation / research in the particular topic?	Our CDC Cell Conduct Career session but in upcoming academic year Chemical department ensure to conduct session on career.
Academic Feedback	Faculty having less than 75 % feedback	HoD and Principal Counseling the such faculty and give warning if repeated and help or guidance them to prepare lectures
Parents Feedback	Rate - Constant communication about your ward academic progress report, discipline and attendance.	Due to Covid second wave less communication occur but now we have parent's whatsapp group to communicate.

Signature of HoD



Signature of Principal



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DEPARTMENT OF INFORMATION TECHNOLOGY

ACTION TAKEN REPORT BASED ON FEEDBACK 2020-21

Category	Questions	Action Taken by Department
Semester / Course End Feedback including Curriculum Feedback	The criteria used in assessment have been clearly stated in advance	Due to Covid-19, University not clear the assessment among students and at last they promote the students with hide parameters but in next academic year no such issue occurs because university having well define assessment process
	Rate the percentage of learning ICT and Communication skills through courses offering	ICT methods and Digital slat were used for effective teaching. Computer centre promoted (FOSS) Free Open Source Software to all services will provided in the campus to run web, mail etc and also proposed association with Google Education Workspace
	Demonstrate with excellent programming, analytical, logical and problem-solving skills.	To increase Programming practices institute try to associate with more number of platform and institute also renew the skill rack platform for the students.
	Rate the adequateness of the textbooks and reference books mentioned for the courses	Due to Covid-19, Students notable use the library facilities otherwise institute having more than 70,000 books more than 6000 titles in the library and also try to use RGPV e-library
Program End Survey	I am motivated to learn course materials	Faculties ensure all course material shared the students through Google Classroom or email or e-library and ensure the students to refer the content
	I can design and develop web-based solutions with effective graphical user interface.	Faculties ensure the students towards innovate projects and also few SIG's link with Project based learning
	Define the problems and provide solutions by designing and conducting experiments, interpreting and analyzing data, and reporting the results	Due to Covid-19, Lab session was conducted less but in upcoming academic year we focus on lab session also

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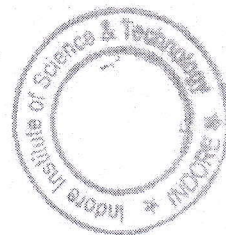
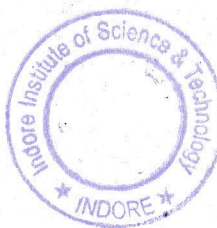
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Alumni Survey	Ability to participate as members of multidisciplinary design teams along with mechanical, electrical, Computer Science and other engineers	Ensure students to participate in national events in team and team must formed inter department so multidisciplinary activities increase.
	Define the problems and provide solutions by designing and conducting experiments, interpreting and analyzing data, and reporting the results	Due to Covid-19, Lab session was conducted less but in upcoming academic year we focus on lab session also
	Proficient in English language in both communicative and technical forms	Increase the session on PDP and Mandatory the project presentation by the students
Academic Feedback	Faculty having less than 75 % feedback	HoD and Principal Counseling the such faculty and give warning if repeated and help or guidance them to prepare lectures
Parents Feedback	Rate Facilities available namely library, hostel facility, Teaching learning process, Administrative help, Examination.	Due to Covid 19, Hostel and other facility was closed but now its open for all

Signature of HoD

**DEPARTMENT OF
INFORMATION TECH.**

Signature of Principal



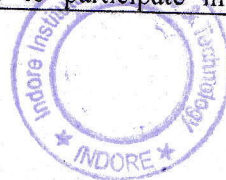
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACTION TAKEN REPORT BASED ON FEEDBACK 2020-21

Category	Questions	Action Taken by Department
Semester / Course End Feedback including Curriculum Feedback	Rate the adequateness of the textbooks and reference books mentioned for the courses	Due to Covid-19, Students notable use the library facilities otherwise institute having more than 70,000 books more than 6000 titles in the library
	Demonstrate with excellent programming, analytical, logical and problem-solving skills.	To increase Programming practices institute try to associate with more number of platform and institute also renew the skill rack platform for the students.
	The criteria used in assessment have been clearly stated in advance	Due to Covid-19, University not clear the assessment among students and at last they promote the students with hide parameters but in next academic year no such issue occurs because university having well define assessment process
Program End Survey	Ability to work in groups on projects & earn leadership skills through this program	Due to Covid-19, less focus on project work but now in coming semester focus on project work in group and ensure students to participate in national competitions in group like SIH. Few SIG's must be now project based.
	Able to understand knowledge of Computer Science and Engineering projects to work as a leader or member.	
	Able to work in multi-disciplinary environment.	Now in next academic year few academic activities will be along with EC and ME on IoT and Mechatronics
	Awareness to apply engineering solutions to solve the social, cultural, ethical issues	Department ensure students in next academic year to participate in national events and solve the engineering problem and our faculties will be mentor for the same.
Alumni Survey	Define the problems and provide solutions by designing and conducting experiments, interpreting and analyzing data, and reporting the results	Due to Covid-19, Lab session was conducted less but in upcoming academic year we focus on lab session also
	Demonstrate the ability to apply advanced technologies to solve contemporary and new	Department ensure students in next academic year to participate in national

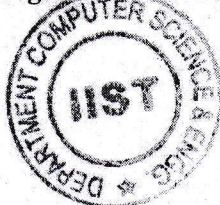


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	problems.	events and solve the engineering problem and our faculties will be mentor for the same.
	Proficient in English language in both communicative and technical forms	Increase the session on PDP and Mandatory the project presentation by the students
Academic Feedback	Faculty having less than 75 % feedback	HoD and Principal Counseling the such faculty and give warning if repeated and help or guidance them to prepare lectures
Parents Feedback	Rate your ward on Conducive learning environment due to good interaction with the teachers.	Due to Covid-19, Students and teacher interaction less and specially in second wave of Covid-19

Signature of HoD



Signature of Principal



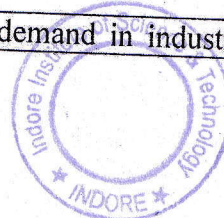
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DEPARTMENT OF MECHANICAL ENGINEERING

ACTION TAKEN REPORT BASED ON FEEDBACK 2020-21

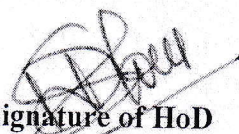
Category	Questions	Action Taken by Department
Semester / Course End Feedback including Curriculum Feedback	Proficient in English language in both communicative and technical forms	Increase the session on PDP and Mandatory the project presentation by the students
	Demonstrate the ability to apply advanced technologies to solve contemporary and new problems.	In Coming semester more focus on skill training and also conduct hand-on training in association with MSME
	Assessment and marking have been fair	Due to Covid-19, University not clear the assessment among students but in next academic year no such problems occurs because university having well define and fair assessment process
	Demonstrate the ability to design computer based Mechanical engineering systems	Introduce Coding based activities in mechanical Engineering department I association with CSE or ECE Department.
Program End Survey	Awareness to apply engineering solutions in global, national, and societal contexts	Formal instructions were circulated to all teachers, ensure students to participate in Baha or any national events to solve society problems
	I can design & develop web based solutions to solve problems.	Introduce Coding based activities in mechanical Engineering department I association with CSE or ECE Department.
Alumni Survey	Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.	Proposed Ethics as rubrics parameter to evaluate project work
	The Engineer and Society: The contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.	Formal instructions were circulated to all teachers, ensure students to participate in Baha or any national events to solve society problems
	The graduating students from	Due to less demand in industry but in

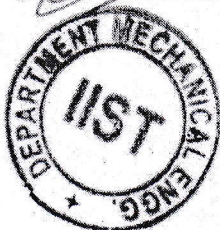


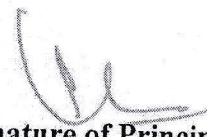
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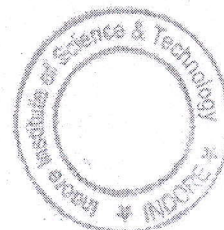
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	Mechanical Engineering will have expertise and acumen in core areas like Mechanical design, thermal engineering, materials and manufacturing science to a satisfaction of employers.	upcoming semester increase industrial visit and also bridge the gap between industry and institute.
Academic Feedback	Faculty having less than 75 % feedback	HoD and Principal Counseling the such faculty and give warning if repeated and help or guidance them to prepare lectures
Parents Feedback	Rate Workshops, Seminars, Conferences aided the professional development of student (Your Ward).	In upcoming academic year it is mandatory to conduct atleast 10 academic activities


Signature of HoD




Signature of Principal



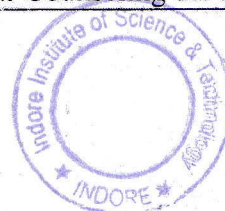
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DEPARTMENT OF CIVIL ENGINEERING

ACTION TAKEN REPORT BASED ON FEEDBACK 2020-21

Category	Questions	Action Taken by Department
Semester / Course End Feedback including Curriculum Feedback	Survey work was done effectively.	Due to Covid, no Surveying done but in next academic year ensure about survey and lab session
	Understand ethical, societal, health, safety, legal and cultural issues related to civil engineering	Faculty ensure the atleast one session on ethics of civil engineering
	Demonstrate basic knowledge in mathematics, science, engineering, and humanities.	Due to Covid-19, Physical classes not conducted but now in next academic year regular classes conducted and students are able to apply basic knowledge.
Program End Survey	Able to analyze different system by applying knowledge of surveying.	Due to Covid-19 unable to perform lab session and also field work was also negligible due to Covid-19
	Able to understand knowledge of civil engineering projects to work as a leader or member.	More focus on industry based internship and work as team in minor and major projects
	Communication skills & Writing skills	Increase the session on PDP and Mandatory the project presentation by the students
Alumni Survey	Ability to engage in independent and lifelong learning; adapt to rapid changes in civil engineering and its allied areas.	Focus on SIG and it must be based on industry need
	How would you rate the curriculum prescribed for your degree during your term in college?	To overcome Institute and Industry gap focus on SIG in upcoming academic year
	More exposure to field visits in curriculum	Formal instructions were circulated to all constituent colleges through competent authority for addressing the issue. All the teachers were notified about the issue and they were encourages to have more field visits as a part of their curriculum.
Academic	Faculty having less than 75 % feedback	HoD and Principal Counseling the such



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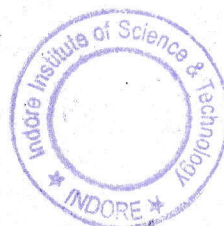
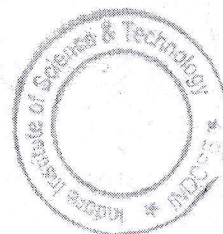
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Feedback		faculty and give warning if repeated and help or guidance them to prepare lectures
Parents Feedback	Rate the Quality of Infrastructure facilities namely laboratory, facilitated learning of curriculum-based software development tools.	Due to Covid 19, Hostel and other facility was closed but now it's open for all

Signature of HoD



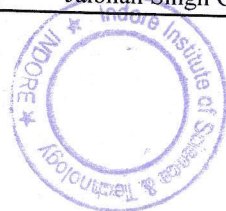
Signature of Principal



INDORE INSTITUTE OF SCIENCE AND TECHNOLOGY

2021-22

Clubs	Faculty Coordinator	Students Coordinator	Name of Activities	No of Students Participation	Date of Event
Lexicon Club	Ms. Rupali Tiwari	Mr. Utkarsh Patil	Model Parliament : Summer Season	38	18/4/22
		Ms Sabahat Ahmad	Model Parliament : Winter Season	68	29/12/21
Cultural Club	Dr. Namrata Kaushal	Yogita Patel	Induction -2021	23	29/10/2021
	Dr. Jyoti Gupta	Sadgi Daftari	Azadi ka Amrit Mahotsava	25	21/08/2021
Robotics Club	Mr. Ravi Yadav		Internship on Embedded System using Virtual Simulation (Proteus)	43	31/01/2022 to 12/02/2022
Spots Club	Mr. Sukhdev Bamboriya	Himanshu Mande	Kabaddi Trail for Inter-Collegiate Competition	22	9/12/2021
		Prateek Mane	Vollyball Trail for Inter-Collegiate Competition	16	9/12/2021
		Dheeraj Joshi	Cricket Trail for Inter-Collegiate Competition	56	9/12/2021
		Pulkit Sablok	Shooting Yoga Swimming Roller Scaeking Trail for Inter-Collegiate Competition	5	10/12/2021
		Rakesh Rajput	Football Trail for Inter-Collegiate Competition	22	10/12/2021
		Mukul Mishra	Kho-Kho Trail for Inter-Collegiate Competition	28	10/12/2021
		Adarsh Singh	Basketball Trail for Inter-Collegiate Competition	21	10/12/2021
Art Club	Ms.Arпита Tiwari		Poster making cometition "Azadi Ka Amratmahotsav	12	15/08/2021
	Dr.Neena Thacker Ms.Alpana Meena	Sadgi Daftari, Shreya Pandey	Rangoli Competition "Save Trees and Save Girl Child"	16	28/08/2021
Green Wave Club	Dr. Parimeet Chanchani		Energy conservation Pledge to celebrate energy conservation Day	87	14/12/21
Samagra Club	Mr. Rahul Bhargava	Ravi ShankarSinghal	Approach towards Civil Services Exam and CSE Prelims 2021 Paper Discussion	63	11/10/21
		Ravi ShankarSinghal	Strategy to achieve long terms goal	276	25/4/22
Poetry Club	Ms. Rupali Tiwari	Sabahat Ahmad & Yuvraj Singh Naruka	Open Mic on Teacher's Day	22	04/09/2021
Charitable Club	Dr. Satish Kumar Penchala	LUCKY BHATIA			
AI Club	Ms. Poorva Shukla Mr.Lokesh Aurangabadkar		Artificial Intelligence in Automation	65	16/10/2021
Drone Club	Mr Pranav Paranjpe	Abhay Singh Lodhi	Workshop on Drone Technology and Application		12/3/2022
	Mr. Ravi Yadav	Jaibhan Singh Gaur	Workshop on Remote Controlled Drone	45	25/11/2021 tp



Aeromodelling Club	Mr. Naman Gandhi	Shreya Bhawsar, Sharad Lakhre	Workshop on Basics of Aeromodeling with future Roadmap	50	19/12/2021
IPR Cell	Dr. Vivek Mishra	Adarsh Bais, Gajendra Tomar	Seminar on Awareness on IPR	120	26/08/2021
	Dr. D.V.Singh	Ayushman Jain, Naman Mehta	Expert lecture on IPR	50	26/04/2022
EDC Cell	Mr. Puneet Singh Duggal	Mr. Abhijeet Singh	Expert Lecture on The New Age of Women	20	23/11/2021
			Expert lecture on What I Learned from My	31	27/06/2022

