



IIT ISM DHANBAD'S

C  **RONA**
 **WARRIORS**

RESPONDING TO COVID19 PANDEMIC

COVID-19 pandemic has become a catastrophic global event, democratically transgressing all geographical divides, engulfing us all without actually distinguishing between the rich and the poor, and permeating apocalyptic visions of a world turning into a viral desert. Today, countries are in a lockdown, people are cabined and confined to their homes and living in state of incertitude. In the midst of this mega-crisis, nothing but hope remains. As rightly said, when the going gets tough, the tough get going; the existing state has generated a desperate desire in us to survive and to save others. Doctors, health workers, police, state machinery, frontline workers, key workers hidden in plain-sight: security guards and refuse collectors all in their efforts to save humanity from self-destruction are scripting a new social order: Apart, yet together!



“We have been responding to the COVID-19 pandemic in an alert mode and keeping an eye on the rapidly changing ‘dynamic’ situation as the virus spreads. Following the Government guidelines, major steps have been taken in the recent weeks to ensure we put the safety and welfare of the IIT (ISM) community first and foremost. My students, faculty, and staff are my top priority and my objective is to help them and their families remain safe and healthy in best possible way. I am thankful to the entire IIT (ISM) community for calmly and maturely handling the effects of this pandemic. These are extraordinary and unprecedented times for us all but amid this looming gloominess, uncertainty and surging anxiety let’s keep our spirit intact and invest our time in refashioning and reinventing ourselves. I pray that the epidemic recedes quickly.”

- Prof Rajiv Shekhar, Director

MAJOR INITIATIVES

As the world is battling Covid-19, the IIT(ISM) community, too, has been fighting against the pandemic with a deterministic approach -We'll get through this together! Following all protocols, appropriate proactive measures have been taken by the administration, right from enforcing complete lockdown to ensuring the physical & mental well-being of all residents. Major initiatives taken by the Institute include:

Following the protocols & maintaining social distancing in the campus : We are taking all the precautions necessitated by the unprecedented situation Covid-19 has created. To prevent the spread of deadly pandemic 100% lock down is being followed in the campus. Self- isolation/quarantine directives and security guidelines for Covid-19 lock down were released on 22nd March 2020. Awareness pamphlets were specifically distributed to the staff. To ensure the safety of all campus residents, essential supplies are made available in the campus, right from fresh vegetables, fruits and milk to groceries.



Security Guards distributing pamphlets

“WFH” : All are working from home. Resultantly, it has led to building a virtual academic community, who connect through technology for meetings and other official exigencies.

Close monitoring of the situation : The Director with his team has been closely monitoring the situation caused by Covid-19 outbreak and accordingly taking decisions in a timely way and constantly updating the students, faculty and staff.



Safety at Main Gate, IIT ISM Dhanbad



Prof. Rajiv Shekhar, Director of IIT ISM Dhanbad and Team spreading awareness about Social Distancing



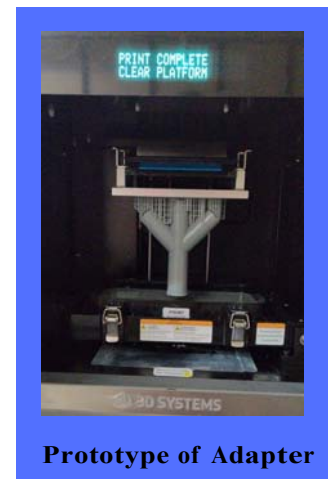
MAJOR INITIATIVES

Steps taken for placement of students : A joint communication was made through All IIT PLACEMENT COMMITTEE (AIPC) to companies for not rescinding any offer/internship. It was decided that Internship can be done through WFH mode. As a result, so far, there has been a negligible impact on placement due to COVID-19. Our peak period of placement is during November to January, which got over recently. The T&P Cell is keeping constant touch with companies and intern aspirant students and the shift from physical to virtual mode of internship is working well.

From on-campus to on-line instruction: Promoting the idea of #bharatpadheonline : In order to keep learning during Covid-19 pandemic we have switched to online instructions. Lecture notes and weekly assignments along with solutions are being created and sent to students on different platforms such as Google classroom, MIS and also through group email. Library resources are also available to students. A committee has been formed to take feedback of class representatives and to ensure the effectiveness of this exercise.

Coronavirus research and support :

- A team headed by Prof A.R. Dixit used 3D printing technology to develop an adaptor with flow limiter, which makes a single ventilator work for multiple patients in case of emergency.
- Prof A.R. Dixit and his team have set up a sanitizing station at the campus main gate.
- A team consisting of Prof A.R. Dixit, Prof Arun Udai, Prof Raghendra Choudhary and Prof S. Das are developing a prototype of mechanized ventilator.



Prototype of Adapter



**Disinfectant Station
at Main Gate, IIT ISM
Dhanbad**

- Hand sanitizer is being prepared and supplied on a daily basis to PMC Hospital, the nodal centre for Covid-19 testing and treatment in Dhanbad.
- Encouraging students and faculty members to Ideate-Stimulate-Win by participating in the MHRD mega online challenge- SAMADHAN.

MAJOR INITIATIVES

Focussing on physical & mental well-being of students/staff : All precautionary measures have been adopted on campus from day one, ensuring physical well being of all residents. We are taking the services of 'Your Dost', an online 24X7 counseling service provider for students.

Setting up of make-shift quarantine centres on campus : We have also opened quarantine centres in one of our Hostels and in one of our Bungalows for the suspected COVID patients.

Providing psychological counseling to students : We are taking the counseling services of 'Your Dost', an online 24X7 counseling service provider for students.

Extending medical help to students/ staff : Health centre is active and it is providing emergency services 24X7 to all faculties, staff, pensioners, general & international students residing in campus, while OPD services are available online. In case a patient requires referral to a higher centre, we are allowing him/her to avail services of a higher centre through telephonic talk or through mail.

Counseling through Letters : Adopting Therapeutic Narrative: Undoubtedly, there is power in words, if chosen and placed positively; they can be therapeutic both for the writer and for the one who reads it. To keep the spirit of the students high amid this deadly pandemic and gloomy atmosphere, the Head of the Institute has been communicating with the students and all residents via email on a regular basis.

Contribution to PM CARES Fund : All faculty members and officers contributed two days' salary of which 1.5 days have been transferred to the PM CARES Fund and remaining 0.5 day's salary is being used for community services including Community Kitchen. Similarly, all staff members have contributed 1 day's salary, of which the salary of 0.75 day has been transferred to the PM CARES Fund and remaining 0.25 day's salary is being used for community services. Total contribution of the Institute from employees has been **Rs. 25.62 lakh**.

IIT ISM Dhanbad donates to PMCH Dhanbad : IIT (ISM) donated a refrigerated Microcentrifuge to speed up COVID-19 tests to the Pataliputra Medical College and Hospital (PMCH), Dhanbad.



Microcentrifuge

Support Received from Alumni for Combating COVID-19 Pandemic

The Alumni of 1989 batch of IIT(ISM) have contributed Rs. 30.50 lakh in PM CARES FUND through their Alma Mater to help the country in fighting the Pandemic.

The Alumni of IIT (ISM) Kuwait Chapter have contributed an amount of Rs. 3.28 Lakhs for transfer to PM CARES FUND through their Alma Mater

Alumni of 1990 batch IIT (ISM) have also come forward and initiated a drive to further contribute in fighting the Pandemic.

Significant financial contributions from ISMAANA are also expected by this month end for donation to PM CARES FUND through their Alma Mater

Support Received from the Ladies Club

The Deepti Ladies Club of IIT (ISM) has been whole-heartedly supporting the Community Services Initiatives team by shouldering responsibilities that come their way.



Deepti Ladies Club of IIT (ISM) Dhanbad packing food for the needy.

Helping Hand of Kartavya

Kartavya - Dhanbad Chapter has taken up a great step and offered basic needs to the people who lack ration cards with the help of Alumni Funding.



Kartavya members providing basic needs to people.



Practicing Empathy during the COVID-19 Pandemic

Caremongering on Campus: Fostering Solidarity

Caremongering on campus, a coming together of numerous sensitive souls who believe in spreading kindness and helping the needy, was never seen before. On a single appeal of the Director to volunteer for packing and distribution of cooked food to the needy, numerous emails trailed down, each happily consenting to play a participatory role and to contribute to the noble cause. This rising to the occasion signals the emergence of a new humanity. Acting as responsible citizens with a concern for the compatriots in an unsettled time, strikingly suggests the advent of a patriotism which is only and only defined by love and respect to the nation.

- **Community Kitchen** : A community kitchen has been set up in the campus to provide cooked packets of food to all homeless and needy in Dhanbad during the nationwide lock down in the wake of Coronavirus pandemic. Initially 300 cooked packets of food were distributed, but gradually it scaled up to 450. Seven distribution points in the city have been identified and the food packets are being distributed in association with the Bengali Welfare Society, a local NGO of Dhanbad. The kitchen is functioning from 1st April.
- **Distributing rations to the leprosy hit** : In order to provide relief to the distressed, Confederation of Indian Industry (CII) and
- IIT (ISM) in association with CII partner Sasakawa-India Leprosy Foundation(S-ILF) have been distributing dry rations in nine leprosy colonies covering 384 families in Dhanbad area.
- Preparing hand **sanitizers** and supplying it to PMC Hospital on a daily basis.
- Distributing lassi and soft drinks to police who are **safeguarding lives** by enforcing lockdown.
- Supporting and helping all those who are in the front lines, fighting every day to save hundreds of lives.



IIT-ISM helps Leprosy hit



Community Kitchen

A NOTE OF GRATITUDE

A Note of Gratitude to the Team Battling Covid-19

It deems pertinent to register our gratitude to those who have been directly or indirectly helping us combat the pandemic.

The efforts put by our frontline warriors, **Mr. Ram Manohar and Dr. P. Kumar (CMO) and their team** in fighting Covid-19 and serving people stand commendable.

We express our indebtedness to our Alumni for extending their financial aids in their efforts to fight the disease.

IIT (ISM) takes the opportunity to record its appreciation to CIL, specially **Mr. Indranil Ghosh, Dy. Director, East Region; Mr. Kunal Yadav, In-charge, Jharkhand; Team of S-ILF, Debkant Bhanja and other officials of S-ILF** for partnering with us for distribution of dry rations to the leprosy hit. Thanks to the **Bengali Welfare Society**, a local NGO, for helping us in distribution of cooked packets of food to the destitute in Dhanbad.

The efforts put by **the Institute Administration** in promoting dialogues, fostering solidarity and building a team for serving the needy in challenging times is remarkable in itself.

Deep admiration for the **active leaders of the IIT (ISM) Community Initiatives Team**, especially **Prof J K Pattanayak, Dy. Director and Prof Dheeraj Kumar, Dean, IRAA** for coordinating the drive so well.

While our wait to return to normalcy continues, we stand together stepping up efforts to serve those in need.

**Every ISMite has the will and the power to
Make a difference!**

