



ज्ञानार्पण

शिक्षा एवं समावेशी विकास

Annual Report 2020-2021



सौजन्य: हिंदुस्तान एयरोनॉटिक्स लिमिटेड (एचएएल)

Rajiv Gandhi Institute of Petroleum Technology
Jais, Amethi, Uttar Pradesh

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INTRODUCTION

RGIPT Jais, Amethi is operating Gyan Arpan program through which it is augmenting learning capabilities, educational resource generation, enrichment of ethos, values and sensitization on higher education by running its classes at identified Gyan Arpan centres within Amethi District. The project commenced from 1st September 2019.

The report focuses on the following:

- ◆ Overview of Gyan Arpan programme
- ◆ Brief on Gyan Arpan Centres and its functions
- ◆ Conclusion



I. Overview of Gyan Arpan Programme:

- a) RGIPT being an institution dedicated to the upliftment of the society through education, conceptualised a social initiative to empower the needy and underprivileged students of district Amethi. Many petty but meticulous endeavours gave way to thinking of it in a bigger and a formidable way. Gyan Arpan was launched as the offshoot of the process in a formal sense.
- b) Gyan Arpan Programme started on 1st September 2019. The program was envisioned and planned to help and educate the selected- needy and meritorious students at various centers of the district.

Five (05) functional Gyan Arpan centres, were opened up in a phased manner, equipped with all the basic infrastructure such as- projector, screen and white board etc. for conducting classroom study. The details of these centres are as follows:

I. Functional Centers are:

- (a) **RGIPT:** Centre has a total number of 100 students in each class total to 400 students.
- (b) **TILOI:** A total number of 50 students in each class summed to 200 students.
- (c) **JAGDISHPUR:** with total number of 50 students in each class the center strength is summed to 200 students.
- (d) **CHHATOH:** The total number of 50 students in each class caters to 200 students.
- (e) **GAURIGANJ:** Center has a total number of 50 students in each class summed to 200 students.

The basic function of these centres is to impart education to selected students from class 9th to 12th of the Amethi region. The aim was to enable and prepare them for various competitive exams such as NEET, IIT and also for admission in the Navodaya Vidyalaya and other prestigious government schools etc. More than 1200 needy and meritorious students were enrolled and benefited by this programme.



Fig: Gyan Arpan Centres

These centres were solely organized and run by students of RGIPT. Total of 110 teaching volunteers inclusive of students and faculty members of RGIPT work tirelessly to improve the lives of the under privileged students of the region. Regular examinations were held at the centre and the meritorious candidates are rewarded. Apart from this, free stationery and books were also provided to all the students. For in centre study, RGIPT provided bus from centre to school and back. On every Saturday RGIPT volunteers used to conduct classes and on Sunday RGIPT run tutorials for those classes. The class timings were- 9:30 a.m to 2:30 pm (providing 01 hour for each subject). For centres like: Tiloi, Jagdishpur & Gauriganj, classes were arranged at respective centers and the timings of the classes were- 10:00 am to 1:00 pm. In order to assess the progress of these students RGIPT teaching volunteers conducted quizzes & exams for those students at every 15 days interval and in return students provide them feedbacks on their role of study.

2. Functions of Gyan Arpan

The programme commenced from 1st September 2019. Student volunteers in the Gyan Arpan programme had started instructional classes in the subject such as: Physics, Chemistry, Maths and English to the needy and meritorious students of class IX, X, XI, XII of different schools within Amethi district.

3. Procedure followed for the selection of desired students:

Initially in physical mode there was a selection process for the requisite numbers of students. For selection of these students, RGIPT volunteers visited different schools and conducted written exams and on the basis of their performance in said exams they were selected and monthly assessment were carried out in order to have a look on their progress.

4. Post COVID-19 scenario:

After nationwide lockdown due to COVID-19 pandemic, as per government guidelines, Gyan Arpan centres were closed and the classes were stopped. Meanwhile a lot of queries and calls keep flooding the WhatsApp and mobile of the volunteer students. The resurgence of the program was conceived in the online mode.

RGIPT with the financial support of HAL Korwa planned to impart education through online mode. The online learning and teaching was commenced from 01st Sept 2020. Larger part of the district being the rural backdrop the online mode was becoming difficult for many students to align with. It was planned to equip needy and meritorious students with smart phones in order to empower them to avail facilities of online education. Students for online teaching and learning from each class were motivated to fill in their details and apply via printed forms which were distributed to all needy students through local newspaper porter and by handing over forms to various schools. Merit was prepared on rolling basis taking into account the previous year marks. Science & Maths background students were selected on rolling basis continuously and these students were further put to test for online viva voice and were graded on their performance for selection purpose. After selection these students were equipped with smartphones for assisting them to get educated.

RGIPT and HAL Korwa in tandem enabled 400 students of the district with smartphones in the academic year 2020-2021. The distribution of smartphones were done in four stages as follows:

- (a) 1st Phase was conducted on -15th Oct 20,
- (b) 2nd Phase was conducted on- 06 Nov 20,
- (c) 3rd Phase was conducted on- 30 Dec 20 and
- (d) 4th Phase was conducted on- 22 Feb 21 respectively.



Fig: Distribution of smartphones

CONDUCTION OF ONLINE CLASSES

Fourth phase was encouraged by the presence of the Hon'ble Union Minister Smt. Smriti Zubin Irani ji. The online learning and teaching programme was also formally inaugurated by her on 22 Feb 2021. Hon'ble Union Minister interacted online with the students and distributed the smart phones to the selected needy and meritorious students. She also praised the effort being made by the institute.



5. Conduction of online classes

Online classes are coordinated and communicated by the volunteers through different WhatsApp groups formed for each class and the classes were conducted on weekdays at different timings such as- 09:00 am to 01:00 pm and then 05:30 pm to 06:30 pm. Every week there were two classes and one tutorial classes for the subject of- Maths and Science and there were two classes for English and Biology. All these classes were taken through Webex software. The volunteers prepared class schedule and with the help of IT department of RGIPT the online session links were generated and circulated to the students of each class through respective WhatsApp groups.

CONDUCTION OF ONLINE CLASSES

After every session there were tutorial session also in which the students were encouraged to clarify their doubts.

DAY	CLASS
MONDAY	PHYSICS -5:30PM TO 6:30PM TEACHER-ARPIT BHARADWAJ
Tuesday	MATHS-6:00 TO 7:00PM TEACHER:BHARAT GODARA
WEDNESDAY	ENGLISH-5:30 TO 6:30. TEACHER:Sukriti singh
Thursday	1)CHEMISTRY -6:00 TO 7:00 , TEACHER :OM THAKUR
Friday	ENGLISH-5:30 TO 6:30 TEACHER:KUSHAL DAS
Saturday	PHYSICS -5:30PM TO 6:30PM TEACHER-SHARDUL TRIPATI 1)CHEMISTRY-10:00-11:00 AM, TEACHER-GAUTHAM SHARMA 2)MATHS-11:30 TO1:00PM TEACHER:ROHIT
sunday	

Fig: Sample scheduling of classes

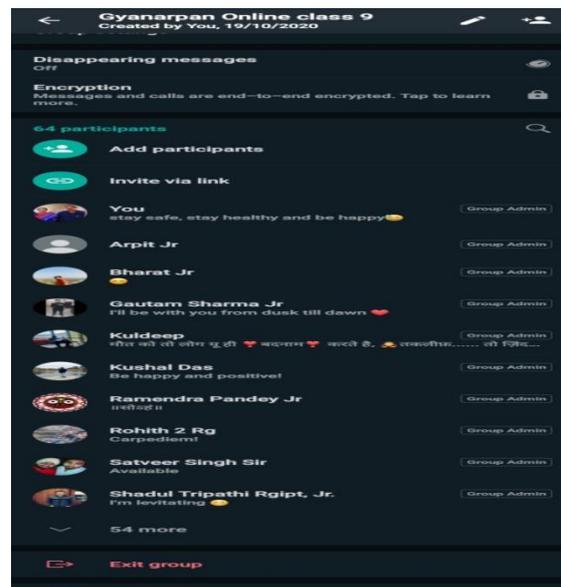


Fig: Snapshot of wWhatsApp group & problem solving

6. Working of Gyan Arpan Team

Gyan Arpan team comprises of around 50 student volunteers and various faculty members. Teachers are assigned for each class. Apart from imparting education to students, these teachers:

- (a) Assisted in formation of practise worksheet,
- (b) Preparing Quiz and
- (c) Problem solving etc.

Each class had assigned class coordinator who coordinates between students, teachers and the worksheet team for smooth functionality of Gyan Arpan programme.

Apart from these assigned teams Gyan Arpan is equipped with Designing & Editing team, whose main role is to assist Gyan Arpan team in designing the forms, education schedule etc. All teams work together for the smooth and efficient functioning of Gyan Arpan.

7. Over coming difficulties in Online education

The Gyan Arpan team strives to reach out the students facing difficulties from time to time. The main aspect of online mode of education is that volunteers send study materials to students of each class through WhatsApp group but due to rural area, the internet facilities are not so smooth so it is often difficult for students to get benefited thus the volunteers:

- (a) Created offline link of class video & lectures and
- (b) Created other study material helps from time to time.

These notes and other important pdf's were also uploaded in google drive for their assistance. So that the students can download the material at a preferable time when data speed is conducive. In return these students submit their homework utilizing same electronic mode. The students are motivated to do well in academics and in case of any problem they are free to contact the assigned teachers either through WhatsApp group or call.

CONCLUSION

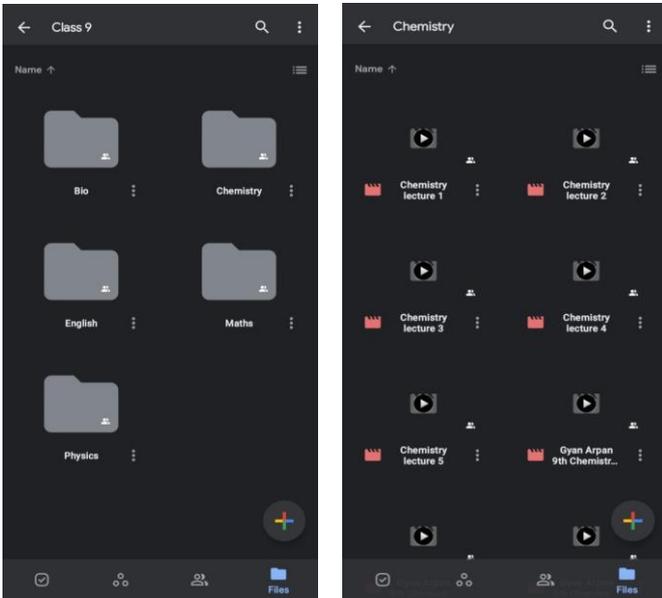


Fig: Snapshot of creation of link and storage of lectures & important notes

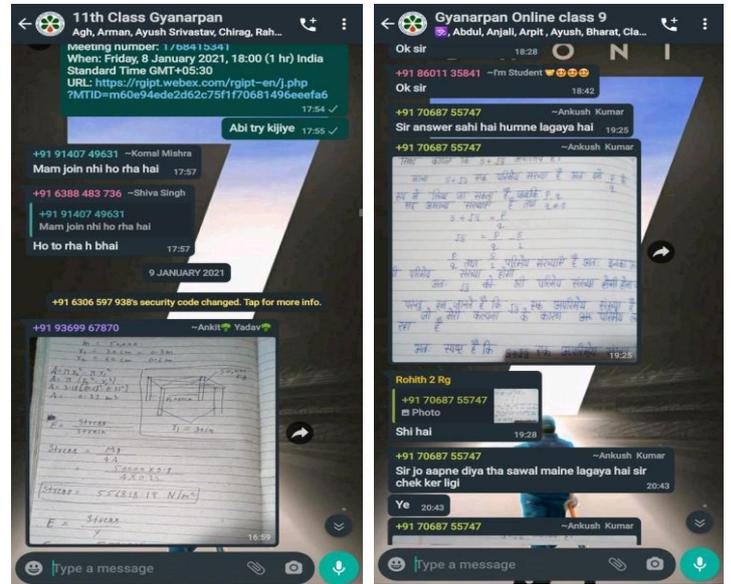


Fig: Snapshot of homework submission by students through whatsapp group

Conclusion

RGIPT in financial association with HAL Korwa has achieved to empower more than 1200 students of the district to be educated and empowered toward better education and a better tomorrow. The online learning programme initiative of Gyan Arpan has gone a long way in defining a new statement of education liberation for the budding youths.



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