

**Academic Year 2022-23**

**4.3**

**Life Long Learning Measures**

**4.3.3 Vocational Training Events (Life Long Learning)**

**MRIIRS Weblink to SDG 4:**

**<https://mriirs.edu.in/sdg04-quality-education/>**

### EDUCATIONAL TRAINING PROGRAMMES HELD AT MRIIRS

Manav Rachna International Institute of Research and Studies (MRIIRS) consistently organizes educational training programs open to students from external institutions. These programs are conducted on the MRIIRS campus, providing a valuable platform for students from various schools and colleges to enhance their skills and knowledge. MRIIRS's commitment to knowledge dissemination and holistic learning extends beyond its own student body, creating opportunities for a wider audience to benefit from the institution's academic resources and expertise. Through these educational training programs, MRIIRS reinforces its dedication to fostering excellence in education and providing a collaborative learning environment for students beyond its own borders.

#### **🌟 Kaushal Kaaryashala Programme: Vocational training for potential dropouts in collaboration with the National Skill Development Corporation**

MRIIRS has collaborated with NSDC and Kedman (a joint venture of Manav Rachna and Kunskapskolan, Sweden), to start a pilot project after approval from NSDC with an aim to cover 100 Schools in the State of Haryana. Under the project, vocational training is being provided in 3 important Sectors of Retail, IT and Beauty & Wellness. This Project provides digital education through Labs equipped with laptops, overhead projectors aided by UPS, internet connectivity and modern furniture. A dozen vocational Labs have already been set up.

[dropbhallafoundation.org/kaushal-3/](https://dropbhallafoundation.org/kaushal-3/)



### KAUSHAL KAARYASHAALA

#### WHAT IS KAUSHAL KAARYASHAALA?

Approximately 47 million students drop out of school. They drop out of school to help support their families financially. The majority are unskilled and they are vulnerable to exploitation by society and market forces. The Kaushal Kaaryashala Initiative of Dr. O P Bhatta Foundation aims to empower the Government School Students of Faridabad. The Kaushal Initiative taken by Dr. O P Bhatta aims to empower government school pupils from standard 9th to 12th through variety of skill development program via, online and offline hybrid teaching method. Dr. O P Bhatta Foundation aims to impart skillsets necessary for better employment opportunities in the higher paying jobs.

#### THE PILOT BATCH

The pilot batch for the Kaushal Kaaryashala began in November 2021 in which 200 Government School Students from the adopted villages of Manav Rachna Educational Institutions (Mohna, Heerapur, Nariyala, Panhera Khurd, Maupur, Dayalpur, Gadkheda, Atali, Chaina, and Mouthuka) were enrolled for the IT/TeS Skill Development Program. The students who cleared the course would be qualified to work as Basic Level Data Operator. Theoretical lectures were given through online classes while offline practical training was given in the Manav Rachna Campus.



#### Result of the Pilot Batch

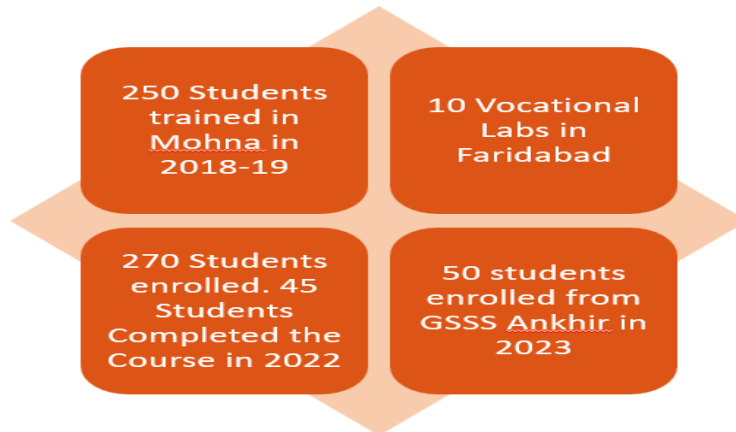
- Out of 200 students, 47 students were selected and made eligible to give the certification exam.
- 46 students passed the exams.

<https://dropbhallafoundation.org/kaushal-3/>

## SDG 4- QUALITY EDUCATION



Approximately 47 million students drop out of school. They drop out of school to help support their families financially. The majority are unskilled and untrained, and they are vulnerable to exploitation by society and market forces. The **Kaushal Kaaryashaala Initiative** of Dr. OP Bhalla Foundation aims to empower the **Government School Students of Faridabad**. The **Kaushal Initiative taken by Dr. OP Bhalla foundation and MRIIRS aims to empower government school pupils from standard 9th to 12th** through variety of skill development program via. online and offline hybrid teaching method. Dr. O P Bhalla Foundation aims to impart skilsets necessary for better employment opportunities in the higher paying jobs.



Launched on December 27th, 2021 by DC Faridabad, Sh. Jitender Yadav, the program initially conducted online classes for seven batches, each consisting of 30 students. Later, 50 regular students were selected for practical training on campus. The first batch of Kaushal focused on training approximately 50 students from government schools in Mohna, Panhera Khurd, Nariyala, Dayalpur, Atali, and other villages in basic



IT skills. Volunteer faculty members from FET, MRIIRS - Mr.Arko Bagchi and Ms. Meghna Luthra and FET,MRU- Dr. Meenakshi Gupta, Dr. Sanjay Singh and Mr. Piyush Mahendru went beyond their duties to train these students. The classes commenced in **January 2022** and concluded in **February 2023** with a final exam comprising practical, theory, and viva components. The Foundation team would leave early in the morning and bring the students to campus; Mr. Arko, FET, MRIIRS would conduct the practical class and they were dropped back to their villages after lunch. Out of 48 students, 45 successfully passed the exam and will receive certificates.

On June 27th, 2023 a Felicitation ceremony to give certificates to all the passing Students was held in the auspicious presence of our Chairperson - Madam Satya Bhalla Ji. She congratulated and motivated the students to achieve great success.



**Students attending Computer Classes in MRIIRS Labs**

## SDG 4- QUALITY EDUCATION



The second batch of Kaushal started from June 2023, consisting of 50 students from Ankhir Government school from classes 9th-12th. These students are being trained in spoken English and personality development as well.



Students Registering for **Kaushal Karyashala-IT Skill Training at MRIIRS**





### **Free of cost Hands-on Computer Literacy programme for School Students**

In the modern age, computer literacy is essential for students to succeed in both their academic and professional lives. Recognizing the importance of computer education, Manav Rachna International Institute of Research and Studies (MRIIRS) has opened its computer lab facilities to school students, providing them with an opportunity to enhance their computer skills. MRIIRS conducts regular hands-on workshops and awareness programmes for school students studying outside MRIIRS, regarding Computer Literacy.

This initiative serves as a model for other educational institutions to consider, showcasing the positive impact that can be achieved by opening up resources and fostering collaboration between university and school students. School students from nearby schools in the Faridabad area are hosted to utilize MRIIRS's computer lab facilities. The initiative has primarily targeted students from middle and high schools, including those who may not have access to computers at home.

***The primary objective of allowing school students to use the computer lab facilities at MRIIRS is to:***

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## SDG 4- QUALITY EDUCATION



- Enhance computer literacy among school students.
- Provide access to advanced computer hardware and software.
- Foster collaboration and knowledge exchange between school and university students.
- Promote MRIIRS as a community-oriented educational institution.



<https://mriirs.edu.in/wp-content/uploads/2023/11/8-Hands-on-Computer-Literacy-programme-for-School-Students.pdf>

Allowing school students to use the computer lab facilities at MRIIRS is an initiative that aligns with the institution's commitment to providing quality education and community engagement. The program not only benefits the school students by enhancing their computer skills but also reinforces MRIIRS's role as an educational institution that cares about the development of the surrounding community.

### **Right approach to Understanding Student Higher Education (RUSH)**

The Right Approach to Understanding Student Higher Education (RUSH)" is a unique and innovative educational program of MRIIRS designed to provide students from Grade IX to XII with insights into hands-on training in their preferred career groups. This program, offered free of cost, is driven by experienced professionals from academia and industry. It aims to help students develop analytical and cognitive skills relevant to their dream careers. The program offers a wide range of courses catering to different career interests, encouraging students to explore and deepen their knowledge in various fields.

RUSH provides students with 11 different career group options to choose from, allowing them to gain practical experience in their areas of interest. The course offerings include:

1. Money RUSH
2. Media RUSH
3. Social Impact RUSH
4. Allied Health Sciences RUSH
5. Design RUSH
6. Hospitality RUSH
7. Psychology
8. Education RUSH
9. Legal RUSH
10. Innovation RUSH
11. Language RUSH

The RUSH program is designed to achieve several objectives, including:



- **Career Exploration:** Providing students with a practical understanding of various career fields, helping them make informed decisions about their future.
- **Skill Development:** Offering hands-on training and experience to develop analytical and cognitive skills relevant to their chosen career groups.
- **Promoting Lifelong Learning:** Encouraging a love for learning and inspiring students to pursue further education in their areas of interest.
- **Facilitating Mentorship:** Connecting students with experienced professionals who can guide and inspire them in their chosen fields.

"The Right Approach to Understanding Student Higher Education (RUSH)" is an initiative that offers students a unique opportunity to explore their career interests and develop essential skills. The diverse range of courses available ensures that students can find a field that resonates with their aspirations and goals. The program not only benefits the students but also contributes to the development of a skilled and knowledgeable workforce for the future. This initiative demonstrates the commitment to quality education and career development for young learners.

### Students attending RUSH program at MRIIRS:



<https://mriirs.edu.in/wp-content/uploads/2023/11/9-RUSH.pdf>



Students of different schools can apply for the course of their interest through a dedicated portal which can be accessed from the given link: [Rush Programs – Manav Rachna Vidyanatariksha \(mriirs.edu.in\)](https://mriirs.edu.in). Under RUSH Campaign, MRIIRS conducts hands-on training for the school students during which students can use MRIIRS resources and have a practical experience of the numerous tools, equipment and

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machinery of their interest. In January 2023, many students applied for the RUSH programme in different domains and attended the training in their respective courses at MRIIRS campus.

### **Value Added Courses for outside School/University students**

Manav Rachna International Institute of Research and Studies (MRIIRS) goes above and beyond in its commitment to education by providing a range of Value Added Courses for students from external schools and universities. These courses are designed to enhance the skills and knowledge of participants, offering them valuable insights and practical experience in various fields. MRIIRS's dedication to extending these opportunities beyond its campus underlines its mission to promote lifelong learning and skills development among a broader community of learners. These Value Added Courses serve as a testament to MRIIRS's commitment to advancing education and empowering students from diverse backgrounds.

Following is the list of Value Added Courses offered by MRIIRS free of cost to the students of different schools and University:

- Search Engine Optimization
- Fundamentals of cloud computing
- Verilog Design Using FPGA
- IOT Fundamentals
- Introduction To Yoga
- Educational Leadership
- Intelligent Techniques
- PLC Programming
- Introduction to Robotics
- Modern Office Management
- Introduction to Food Safety and Quality
- Introduction to Sustainable Smart Infrastructure
- Sustainable Development Goals
- Total Quality Management
- Food Adulteration

## SDG 4- QUALITY EDUCATION



- Psychological First Aid
- Pre placement Preparation
- Practice Management Programme
- Cardiopulmonary Resuscitation(CPR) Training
- Tobacco Cessation

After successful completion of the course, student is awarded a certificate.

Manav Rachna International Institute of Research and Studies  
Faculty of Engineering and Technology  
Department of Electronics & Communication Engineering

**VALUE ADDED COURSE  
(Even Semester ) AY 2021-22**

**COURSE DETAILS : VERILOG DESIGN USING FPGA .**

OBJECTIVE: Developing Employability Skills.

**COURSE HIGHLIGHTS:**

- ❖ Learn fundamental concepts of Digital Design, Design for Testability, Fault Simulation
- ❖ Understand Verilog Programming constructs and their applications
- ❖ Define State Machines, State Reduction & Assignment, RTL Design

**Duration: 05-03-2022 to 07-05-2022**  
**Resource Person: Dr. Vimlesh Singh**

**Registration open till 25<sup>th</sup> February 2022**  
Contact Details: Dr. Pratima Manhas  
VAC Coordinator, ECE, FET, MRIIRS

Manav Rachna International Institute of Research and Studies  
Faculty of Engineering and Technology  
Department of Electronics & Communication Engineering

**VALUE ADDED COURSE  
(Even Semester ) AY 2021-22**

**COURSE DETAILS : IOT FUNDAMENTALS**

OBJECTIVE: Developing Employability Skills and Enhancement Of Knowledge beyond Curriculum

**COURSE HIGHLIGHTS:**

- > Learn fundamental concepts of IOT Architecture
- > Understand Arduino Simulation Environment
- > Define Sensors and Actuators

**Duration: 05-03-2022 to 07-05-2022**  
**Resource Person: Dr. Jyoti Verma**

**Registration open till 25<sup>th</sup> February 2022**  
Contact Details: Dr. Pratima Manhas  
VAC Coordinator, ECE, FET, MRIIRS

### **Availability of Laboratory Facility for outside students for conduct of Experiments**

MRIIRS offers the Lab facility available in campus to the students of Associate Members of Institution of Engineers (AMIE) who are working professionals and wish to attain degree equivalent to B.Tech, for performing laboratory experiments in the field of their specialisation. Faculty members of MRIIRS impart training to the students availing this facility. The list of students who wish to avail the facility is provided by Institution of Engineers (INDIA). The facility can be availed twice a year, i.e., May/June and December/January. The objective of providing the facility to the students not studying in campus is to help them develop ability to apply the engineering and technological concepts, tools and techniques to study and attempt to solve any engineering or system problem. Stress is given on quality of training for development of professional competence. Each student performs ten laboratory experiments, out of a list of twenty experiments in the domain of his/her interest.

## SDG 4- QUALITY EDUCATION



### **✚ Margdarshan Initiative under guidance from MRIIRS faculty members**

Margdarshan is an Initiative under which, students from villages are motivated to undergo an aptitude test so that they can be guided about the right career options for them. As a continuation of the Margdarshan Initiative, Dr. O P Bhalla Foundation successfully hosted the fourth batch of 56 students from Government Girls Senior

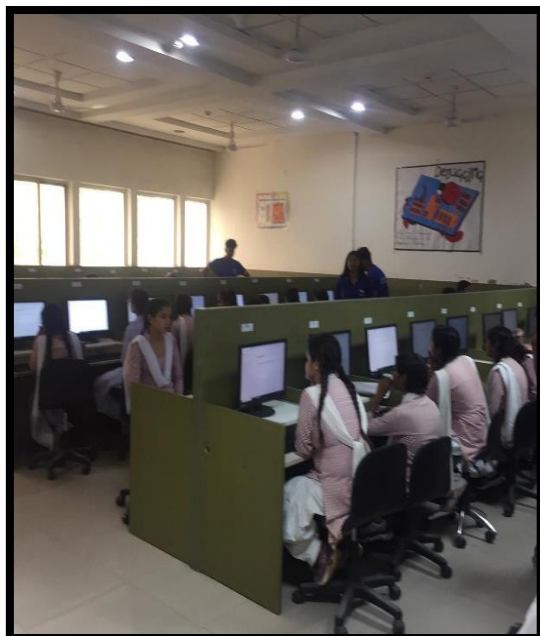
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## SDG 4- QUALITY EDUCATION



Secondary School (GGSSS) Old Faridabad at MR Campus for a Career Aptitude Test. The primary objective remains to offer these students valuable insights into their future career and higher education opportunities, furthering our commitment to Sustainable Development Goal 4 (SDG 4) - Quality Education. Students were also taught about how to use computers for giving online competitive tests.

<https://mriirs.edu.in/wp-content/uploads/2023/11/2.-Margadarshan.pdf>



**Students from GGSSS, Old Faridabad attempting Career Aptitude Test at MRIIRS**

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### **📌 Vocational training for potential dropouts in collaboration with the National Skill Development Corporation**

**MRIIRS in collaboration with National Skill Development Corporation (NSDC) has been imparting** vocational training to young students in 3 important Sectors of Retail, IT and Beauty & Wellness since the year 2020. The aim of this initiative is to cover 100 schools in the State of Haryana. In this regard, SkillEd India (Joint Venture of Manav Rachna Educational Institutions and Kunskapsskolan Education) and the Beauty & Wellness Sector Skill Council (B&WSSC) launched a Digital Learning Portal on LMS Platform for the Beauty and Wellness sector **in the year 2020**.

This Project provides digital education through Labs equipped with laptops, overhead projectors aided by UPS, internet connectivity and modern furniture. A dozen vocational Labs have already been set up.

**SkillEd India** operations have been divided into five verticals:

1. Development of QP-NOS aligned **Vocational Digital Content**, and delivery of **Customized Digital Content** for any organization.
2. Supporting **Vocationalization of Education** leading to employability of potential drop-outs in the **Government run schools**. This vertical uses the CSR funds to establish KEDMAN enabled vocational labs and support the operations.
3. Design, development and delivery of **Customized Skill Development Programs** for the Corporate.
4. **Skill Development of Indian youth for the Global Markets**, with focus on Middle East and European markets
5. Implementing skill development and certification programs (under **RPL program of NSDC**) for the Indian workforce which has already migrated to Middle East countries

**Portal of Skilled India:** [SkillEd India and B&WSSC jointly launch a Digital Learning Portal on LMS Platform for skilling the Beauty & Wellness Sector - Manav Rachna Vidyanatariksha](#)