



Practice-2

Title of the Practice:

Arya Notes: An Online Digital Notes & Video Lecture Platform.

www.aryanotes.com

Arya Notes is an **Online Platform** which has been developed by the **Arya College of Engineering and Research Centre** to provide online PPT Notes and video links of all the Branches, covering all semesters and Subjects till last unit. It is new and a unique way to provide subject material in PPT form and video links are provided for each unit for each subject of all the semesters of all the branches of engineering eg. CSE&IT, ME, Civil, ECE, EE.

Arya Notes being hosted separately and it is Sever based notes it can be shown & taught on ICT based Classroom in real time.

Objective of Arya Notes:

The objective of Arya Notes online platform is to create a platform where we can extend **support to Slow Learners** where had a readymade notes in the form of PPT's and video links and video lecturing so that they can improve their passing percentage. It also extend support to fast learners and for preparation of the lots of exams including GATE and various online examination.

Over 3 years it has become a comprehensive and complete online platform for online learning and which is hosted separately as www.aryanotes.com and the link is provided on the Arya College website so that student by of logging and putting password they can access the online notes of their choice Branch wise notes, Semester wise and Subject wise.

During COVID-19 pandemic time we had prepared Arya app which is also a way to assess the Arya digital notes by login and filling the password for the subject to get the notes digital notes of your choice.

1. **To provide a platform that is easy to access anytime:** We aimed at providing the students with a platform through which they can learn anywhere, anytime from their laptops, tablets, or smart phones.
2. **To promote learning at an individual pace:** With these lectures, all students can learn at their own individual pace, which will maximize the results of e-Learning.
3. **Barrier-free learning environment:** If a student happens to miss lectures, they can study at Arya Notes. It allows the students to keep up with the curriculum.
4. **To provide an opportunity for self-study.** It helps students study and learns in area where student is weak & uncomfortable to ask in the class room.



5. **Beyond the Syllabus Learning.**
6. **To help those students having the backlogs in RTU Exam.**

Context Arya Notes: which is unique Digital online platform for providing RTU Engineering Notes to help in following ways:

- **Beyond Syllabus Learning**
- **Competitive Exam like GATE and PSU's**
- **Student with back papers can come on our digital platform to learn and passed the exam.**
- **Outreach Program-** Student of other RTU affiliated college can also access Arya Notes Platform for subject learning.
- **FDP for Learning of Faculties to create the Arya Notes.**
- **Resources provided to faculties to prepare the PPT notes.**
- It took around 1 year to complete all the notes, 240 Subjects of RTU.
- ACERC has already provided 30–40 Audio Visible on digital notes from www.aryanotes.com to RTU as to enhance RTU online Portal.

The Practice:

With the improvement of the web, cell phones, applications, tablets, PCs and other present day gadgets, things are progressively digitized in this day and age

Homeroom educating has gotten more intelligent today using digital methods, for example, PPT, video introductions, web based learning methods, involved shows, web based preparing, and other digital methods or stages. The organization of the Arya College of Engineering and Research Center along these lines stepped up and give digital understanding notes and video talks to understudies in all projects.

The Arya Notes platform is a comprehensive online learning platform. Through this platform, the students can access the engineering notes in PPT format made by their faculty members and cover their entire engineering curriculum.

Every subject consists of all the study material, including interactive videos to understand the engineering concepts quickly. Arya notes also include high-quality video lessons made by our engineering faculties, which the student can access anytime.

Each student is given their personal logins to access the study material relevant to their engineering department and semester.



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- Approved by AICTE, New Delhi
- Website: www.acerc.org

In case the student stumble across something in digital notes in which he has some doubts, he can watch the video of the related subject to view the detailed notes being delivered by their engineering faculty.

Often, the student miss college due to participation in some events, health issues, and family events, resulting in loss of learning and studying the material. Through Arya Notes, they can easily access the notes without any hassle or delay. The only thing they need is a smart phone or a computer with internet access. There are no limitations so that a student can learn at your own pace.

All these notes are updated periodically whenever there are any modifications in the curriculum by the affiliated university (RTU, Kota).

S.No.	Branch	Semester	Subjects	Units-Covered	No. of Video Link Tutorial	No.of PPTS
1	Computer Engineering & IT	I – VIII	All the RTU Subjects of Different Semesters	I-V	60+	400+ Each Subjects
2	Electrical Engineering	I – VIII	All the RTU Subjects of Different Semesters	I-V	60+	400+ Each Subjects
3	Civil Engineering	I – VIII	All the RTU Subjects of Different Semesters	I-V	60+	400+ Each Subjects
Also of other branches like ME, ECE						

Visit www.aryanotes.com

Evidence of Success:-

Since adopting the Arya Notes platform for teaching and learning in the year 2017, both the students and faculty members have shown considerable improvements.

The faculty members have improvised content delivery due to their regular practice of video lectures. For preparing the digital content, the faculty members had to do tremendous research to prepare notes that are comprehensive, engaging, and visual, and easily understood by the students. In return, this exercise has improved their skills, like time management, computer skills, and presentation skills.



The Arya Notes has been a platform for the students to go to study if they have missed classes.

During the COVID-19 Pandemic, Arya Notes has played a vital role in supporting our students' education. Since all the study material was already prepared, our engineering faculties had no difficulties in teaching the students. Along with this, the students were reasonably aware of digital learning, so their transition was smooth and without difficulties.

Problems Encountered and Resources Required

While preparing and implementing the Arya Notes platform, a few problems have been encountered by the institute were:

College had organized various workshops to teach the faculties under FDP (Faculty Development Program) to teach the faculties the utility of Arya Notes. Arya College extended Infra, Resources consultancy to digitize the note in similar format of all the Subjects to Mobilize more than 150+ Faculty members and to motivate them to prepare teacher subject digital notes.

Adaptability Struggle: Switching from traditional classroom and face to face learning to computer-based training makes the learning experience entirely different for the students. Few students found it difficult to adapt; however, with proper counseling and technical support, they soon adapted and implemented the use of the platform in their regular learning.

Technical Issues: Many students do not have access to the high bandwidth or strong internet connection that the video lectures require. Also, a few students struggled with smart phones and thus were not keen on using Arya Notes. To overcome these issues, we prepared the Digital Notes in PPT format, which did not require high speed or strong internet connection. The Wi-Fi enabled campus also helped the students to overcome the internet issues.