Project Guidelines

1. Choose a **BASE PAPER** for the project which should be a **JOURNAL** paper and should be a **LATEST** one (Starting from year 2020)(Ex. IEEE transactions, Springer, Elsevier, Hindawi, Inderscience and other good reputed journals). Conference, Symposium, Workshop papers **cannot be** considered as a base paper since most of it lack of results and graphs. But it would be a reference paper for your project.
2. Find a **PROBLEM** in the base paper which is the existing system. Give your proposed system for the problem which should be a unique solution and has performance improvement than the existing system.
3. **Zeroth Review** – *Base paper, Title and Abstract Confirmation*.
4. **First Review** – ppt with Title, Introduction, Objective, **Literature Survey(min 20 papers in related to your work in tabular form. Table should contain Sl.no./Author and journal name/Merits and demerits)**, Existing System, Problem Definition, Proposed System, Architecture Diagram, Modules and Module Description, Algorithm/Technique/Approach used, Tools Used, Implementation Results/40% of the work(demo), References.

   Manuscript Paper with Title, Abstract, Introduction and Related Works (Plagiarism Free)-IEEE double Column format.
5. Second Review – Same as Firs Review along with 80% of the implementation/ **Comparison Results of Proposed System and Existing System in the form of graphs.**
   Manuscript with further added information continued from related works, Proposed system, Mathematical Proof, Experimental Setup, Implementation Results, Performance Evaluation, Conclusion and Future Work, References.
6. **Final Review** – Complete Demo and Full manuscript along with Report.

Example/Sample Areas for Project

- Web application development methods and processes
- Web application development tools and environments
- Modeling and model-based design and development
- Component-based Web application development
- Navigation and hypermedia
- Content retrieval and search
- Human-computer interaction and user modeling
- Web application usability
- Adaptive Web applications and personalization
- Web application deployment
- Web application quality, metrics and measurement
- Web application evaluation, verification and validation
- Testing automation, methods and tools for Web applications
- Performance modeling, monitoring and evaluation
- Federated and cross-organizational Web applications
- Service-oriented Web application approaches
- Implementation Architectures
- Use and integration of meta-data in Web applications
- Application of Semantic Web technology in Web applications
- Web design patterns and pattern mining
- Web Engineering education

Guidelines for preparing ppt:

Don’t just cut/copy paste the content.

Make use of single statement style in the slides and not a complete paragraph.

Note:

The dates of the review will be announced. Attend the review on the scheduled dates. All the members of the team should present during the review.

For all the guidelines given, you will be directed how to prepare. So prepare accordingly. Every team member should contribute towards the project. Considered as a batch, assessment will be only on individual basis.