



Jaidev Education Society's

## J D COLLEGE OF ENGINEERING & MANAGEMENT

An Autonomous Institute

(Affiliated to Dr. Babasaheb Ambedkar Technological University of Maharashtra)

NAGPUR - 441501

### ASSIGNMENT – 1

#### Review Paper (Research Methodology-I)

Submitted To:

Submitted By:

***Ph.D. Course Work Batch: 2020 (January) -2021***

# Assignment 1

**Present a review of any one standard journal (IEEE Transactions, ACM Transactions, Elsevier or any SCI/SCIE) paper that belongs to your line of work.**

## Section A

Locate the following items in the paper. When you find the required item, you encircle them in the paper and make a note in review report. You may find this item in different order in the paper or you may not find all the item in the paper. In that case, you make a note which item is not present and what is the basis of your decision.

1. The problem being addressed in the paper.
2. The importance of the problem.
3. Prior work that has been done to solve the problem.
4. Gaps in the prior work.
5. Specific research questions or research objectives.
6. Broad outline of how the authors solved the problem.
7. Details of implementation of procedure.
8. Connection of the results to the research question.
9. Key contribution of the paper claimed by the authors.

## Section B

Write a report on following points assuming that you were a referee of the paper

1. Will you agree that the solution idea in the paper is innovative? Explain what you saw in the paper which makes you to give the answer.
2. Will you agree that the procedure followed is experimentally sound i.e. have the authors implemented solution logically? Explain what you saw in the paper that makes you to give this answer. (Identified by the algorithm, time complexity and validation).

3. Will you agree that the solution is valid i.e. are you convinced with the author's solution to solves the problem. Explain what you saw in the paper which makes you to give this answer.
4. Will you agree that the evaluations claimed in the paper are valid? Have the authors defended their solutions logically. Explain what you saw in the paper which made you to give this answer.

## **Section C**

Access every cited material in the paper and present a report on how the authors have cited their articles on behalf of their content. At least 50% references should be complete copy. Evaluate every reference based on section A.