



Feb 23-24, 2019

Ideate || Innovate || Create

Bhopal, Madhya Pradesh

## INTRODUCTION

### About IEEE MANIT Student Branch

IEEE, Institute of Electrical and Electronics Engineers is a group of committed individuals who work towards the advancement of Science, Technology and Humanities. IEEE MANIT Student Branch aims to provide an interactive platform for students to develop their professional and technical abilities.

IEEE MSB is proud to present its first ever Case Study Competition. It brings to you an opportunity to step into a real life, time-sensitive scenario demanding integrative decision making and problem solving.

### About Case Study Competition

The case study competition is aimed to enhance and test the practical and analytical knowledge of students where they are required to analyze a real-time problem driven by the challenges of today and propose cutting-edge solutions which are not just novel but also easy to implement.

The Case Study Competition is made up of two phases: Round 1, the ONLINE Round, followed by the Round 2, the OFFLINE Round (Presentation and Question-Answers Round) at SRAJAN'19. As part of the competition's virtual preparation, teams will analyze a case study and offer a solution, preparing and submitting a written PDF document OR PowerPoint presentation. Final presentation and Question-Answer rounds will be held at Maulana Azad National Institute of Technology, Bhopal.



Address for Correspondence:

IEEE MANIT Student Branch,  
c/o Dr.Jyoti Singhai,  
Department of Electronics and Communication,  
Maulana Azad National Institute of Technology,  
Bhopal, M.P. - 462003



Feb 23-24, 2019

Ideate || Innovate || Create

Bhopal, Madhya Pradesh

## Eligibility Criteria

- A team of maximum 4 undergraduate students can be formed irrespective of their year of study.
- Teams can comprise of students from any specialization.
- Only the students pursuing Undergraduate Degree will be eligible.
- IEEE MSB reserves the right to check the validity of the registration information submitted, at any point of time.
- Any discrepancy in information will result in immediate disqualification of the entire team.
- Modification of team post registration will not be allowed.

## Registration and Case Allocation

- Teams can register on SRAJAN'19 Website. Only the team leader has to register the entire team up to 4 members.
- After registration, the Team ID and the 3 problem sets will be mailed to you. The team has to choose **only one** among the 3 problem sets. A separate link to upload the solution will also be included in the confirmation mail.



### Address for Correspondence:

IEEE MANIT Student Branch,  
c/o Dr.Jyoti Singhai,  
Department of Electronics and Communication,  
Maulana Azad National Institute of Technology,  
Bhopal, M.P. - 462003

# Biennial Student Project Contest and Case Study Competition



Feb 23-24, 2019

Ideate || Innovate || Create

Bhopal, Madhya Pradesh

## IMPORTANT DATES

EVENT	DATE	Mode
Webpage, Rulebook and Cases are Uploaded on Contest Webpage	1 <sup>st</sup> December 2018	ONLINE
Registration and Submission of cases for Round 1	10 <sup>th</sup> December 2018 - 18 <sup>th</sup> January 2019	ONLINE
Result Declaration of Round 1 and Shortlisting for round 2	31 <sup>st</sup> January 2019	ONLINE
Cases Released for round 2	1 <sup>st</sup> February 2019	ONLINE
Registration for round 2	1 <sup>st</sup> February 2019 - 10 <sup>th</sup> February 2019	ONLINE
Final Round 2 Competition	23 <sup>rd</sup> and 24 <sup>th</sup> February 2019	OFFLINE



### Address for Correspondence:

IEEE MANIT Student Branch,  
c/o Dr.Jyoti Singhai,  
Department of Electronics and Communication,  
Maulana Azad National Institute of Technology,  
Bhopal, M.P. - 462003



Feb 23-24, 2019

Ideate || Innovate || Create

Bhopal, Madhya Pradesh

## ROUND 1

### Introduction and Procedure

- This will be an Online Round
- The set of cases for Round-1 will be released on the SRAJAN'19 Website on **December 1, 2018**
- The team leader will have to register a team of up to 4 members on website.
- Once registered, a team ID will be generated and mailed to the team leader along with the 3 problem sets.
- Once teams are registered they can submit their deliverables using the submission link provided in the confirmation mail.
- **January 18, 2019** marks the last date of registration and submission of cases for Round-1. The period from December 1, 2018 to January 18, 2019 is the window for research, analysis, brainstorming and submitting the deliverables.
- In case of any dispute, the decision of the IEEE MSB shall be final.
- For any query please mail at [casestudy.srajan@ieeenitb.org](mailto:casestudy.srajan@ieeenitb.org)



#### Address for Correspondence:

IEEE MANIT Student Branch,  
c/o Dr.Jyoti Singhai,  
Department of Electronics and Communication,  
Maulana Azad National Institute of Technology,  
Bhopal, M.P. - 462003



Feb 23-24, 2019

Ideate || Innovate || Create

Bhopal, Madhya Pradesh

## Deliverables for Round 1

Details and Format of the Deliverables to be submitted for Round-1 are as follows:

The written pdf document should highlight the key points of the team's solution for the case study in a three-page narrative format. All submissions will be judged and scored by a panel of judges.

- The deliverable can be either a pdf document or a PowerPoint presentation (PDF or PPT/PPTX format)
- The PDF document should not exceed three pages and PPT/PPTX must not exceed 5 slides.
- The document must use Times New Roman 12-point font and must be single-spaced.
- The deliverables must include all caselets of the case but not necessarily restricted to it.
- Teams are requested to upload their submission on link provided in the Confirmation mail.

### Address for Correspondence:

IEEE MANIT Student Branch,  
c/o Dr.Jyoti Singhai,  
Department of Electronics and Communication,  
Maulana Azad National Institute of Technology,  
Bhopal, M.P. - 462003





Feb 23-24, 2019

Ideate || Innovate || Create

Bhopal, Madhya Pradesh

## Evaluation of Round 1

- Entries submitted after the deadline will not be entertained.
- Only the entries which are in proper format will be entertained.
- Entries will be judged by a jury formed by host institute.
- The results will be declared on the SRAJAN'19 Website, all shortlisted candidates will be informed via emails.



### Address for Correspondence:

IEEE MANIT Student Branch,  
c/o Dr.Jyoti Singhai,  
Department of Electronics and Communication,  
Maulana Azad National Institute of Technology,  
Bhopal, M.P. - 462003





Feb 23-24, 2019

Ideate || Innovate || Create

Bhopal, Madhya Pradesh

## ROUND 2

### Introduction and Procedure

- Final Round which includes presentation and Question-Answer rounds will be held at Maulana Azad National Institute of Technology, Bhopal.
- Case will be provided by the host institute which will be released ONLINE on February 1, 2019, also sent via E-mail to shortlisted candidates
- Two-week's time will be given for its preparation.
- The teams must upload their deliverables on the link provided to them via E-mail, by 22 February 2019.
- The deliverables for this round will be a Powerpoint presentation not more than 20 Slides.
- The team will use the PowerPoint slides to give its presentation on the day of the competition. The presentation may not be longer than 10 minutes. A panel of judges then will ask questions they deem appropriate and judge the presentation. Five additional minutes will be allotted for Q&A.

#### Address for Correspondence:

IEEE MANIT Student Branch,  
c/o Dr.Jyoti Singhai,  
Department of Electronics and Communication,  
Maulana Azad National Institute of Technology,  
Bhopal, M.P. - 462003





Feb 23-24, 2019

Ideate || Innovate || Create

Bhopal, Madhya Pradesh

## Evaluation of Round 2

- Evaluation will be done based on the presentation and Q-A rounds.
- This jury process will be managed by IEEE MANIT Student Branch and will be conducted on campus at a mutually convenient date and time, keeping the academic schedule in mind.
- In case of any dispute, the decision of the IEEE MSB shall be final.



### Address for Correspondence:

IEEE MANIT Student Branch,  
c/o Dr.Jyoti Singhai,  
Department of Electronics and Communication,  
Maulana Azad National Institute of Technology,  
Bhopal, M.P. - 462003





Feb 23-24, 2019

Ideate || Innovate || Create

Bhopal, Madhya Pradesh

## Judgement Criteria

All the submissions will be judged on the following parameters, so candidates are advised to check for the -

- Market orientation/ Fitment
- Novelty and innovation
- Clarity
- Technical depth
- Impact- How easily the solutions are implemented?
- Organisation and formatting of deliverables

### Address for Correspondence:

IEEE MANIT Student Branch,  
c/o Dr.Jyoti Singhai,  
Department of Electronics and Communication,  
Maulana Azad National Institute of Technology,  
Bhopal, M.P. - 462003

