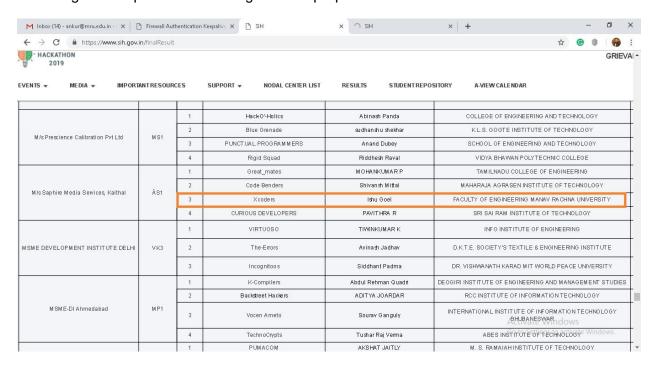
## Report on Smart India Hackathon (Software) -2019

Manav Rachna University students participated in Smart India Hackathon (SIH) Software -2019. A total of 17 teams from MRU participated in the competition with 6 members in each team. The winner team was **Xcoders** team. They won the trophy and Rs. 50,000 cash prize. They provided software solution for the process automation in printing industry with capacity improvement. Following was the problem statement:

| Problem Statement Info        |  |  |  |  |
|-------------------------------|--|--|--|--|
| Logo                          |  |  |  |  |
| Problem<br>Statement<br>ID    | ÂS1  |  |  |  |
| Problem<br>Statement<br>Title | Process automation in printing industry for smooth production and improvement of capacity  |  |  |  |
| Description                   | than 20 members who are engaged in manufacturing of sign boards and printing of flex, banners etc. the manufacturing/ printing process our industry is not systematic. We follow the traditional methods. A nestage wise automated system is needed for smooth production and fimprovement of capacity also. For managing the manpower, we also require the latest ERP software specially designed for print & packagindustries. |  |  |  |
| Complexity                    | Simple   |  |  |  |
| Category                      | Software   |  |  |  |
| Davidson.                     | 10-20-1-20-1   |  |  |  |

## Following is a snapshot of screening result of proposed solution:



Following students from Computer Science and Technology department were in the winner team of Xcoders in SIH 2019 along with their Faculty Mentor Mr. Ankur Aggarwal from the same department:

|                | Name                  | Gender<br>(M/F) |
|----------------|-----------------------|-----------------|
| Team Leader    | Ishu Goel             | М               |
| Team<br>Member | Palash Dubey          | М               |
| Team<br>Member | Abhishek Sontakke     | М               |
| Team<br>Member | Saurabh Sethi         | М               |
| Team<br>Member | Aditya Bhushan Sharma | M               |
| Team<br>Member | Arish Fatima          | F               |
| Mentor         | Ankur Kumar Aggarwal  | М               |