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| Award application form | | | | | | | |
| Project Title | | Webify - IOT | | | | | |
| Name of the College | | Velammal Engineering College | | | | | |
| Address | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | Velammal engineering college, Velammal Nagar, Ambattur-Red Hills Road, Chennai   |  | | --- | |  | | **Velammal Engineering College**  Velammal Nagar, Ambattur-Red Hills Road, Chennai | |  |  | | --- | |  | | **Velammal Engineering College**  Velammal Nagar, Ambattur-Red Hills Road, Chennai | | | | | | | |
| Pin code | | 600066 | Website | | www.velammal.edu.in | | |
| Phone No | | 044 - 39666005 | Email | | [velammal@velammal.edu.in](mailto:velammal@velammal.edu.in) | | |
|  | | | | | | | |
| team details | | | | | | | |
| Guide Name | Mr.K.Sundar | | | Designation | | Assistant Professor | |
| Email | stephensundarks@gmail.com | | | Phone | | | 8870037045 |
| Signature |  | | | | | | |
| Student Full Name | S. Laxman vijay raj | | | Branch and Semester | | Computer science and engineering, 4th semester | |
| Email | [laxmanvijay24@gmail.com](mailto:laxmanvijay24@gmail.com) | | | Phone | | | 8903040410 |
| Signature |  | | | | | | |
| Student Full Name | S. Durai Raj | | | Branch and Semester | | Computer science and engineering, 4th semester | |
| Email | durairajshankar98@gmail.com | | | Phone | | | 9677065311 |
| Signature |  | | | | | | |
| Student Full Name | M. Santhosh | | | Branch and Semester | | | Computer science and engineering, 4th semester |
| Email | santhosh99mano@gmail.com | | | Phone | | | 7094792099 |
| Signature |  | | | | | | |
| Student Full Name |  | | | Branch and Semester | | |  |
| Email |  | | | Phone | | |  |
| Signature |  | | | | | | |

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| declaration by principal/ head of the institution | | | |
| I certify that the above students are full time engineering students of this Institution and the Project work/Idea showcased is an original work done. | | | |
| Name and Signature |  | Date |  |

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| Give two page Abstract of the Project (Not exceeding 450 words, charts/drawings may be annexed) |
| Webify is an IOT(Internet Of Things) project that aims to create an alternative **cost effective solution to connect IOT devices**. The idea used is **local tunnelling** which provides the capability to the IOT device to connect online without any Internet drivers connected directly with the device. **This simple alternative will save several thousands of money for large enterprises** that are investing in IOT because the core idea of IOT (connection through internet) becomes cheap to establish.  **Existing IOT models use cloud systems** like Google cloud platform, Amazon Web Services Microsoft Asure, IBM Watson, Losant for their IOT connection. These are not much reliable and providing our devices to the cloud is not reliable and may lead to a monocratic society**. Thus local tunnelling our devices and maintaining a ledger for the connected devices will be more democratic and will be a better solution** and also prevents us from relying on IaaS(Infrastructure as a service ) providers like AWS. This solution is similar to torrents. Also it is estimated that by 2020,about 7 billion IOT devices will be online and the IOT enterprise business will sum up to a net total of 11 trillion dollars. **Therefore this idea will have a bigger impact on the business economics if implemented.** |

**Award Rules:**

1. There is no fee for participation.
2. The contest is open to all students studying B.E/B.Tech/MCA /M.Sc.Computer Science from affiliated colleges/Universities across India.
3. Participation is open to teams which can have up to five members. Team members can be from any semester, but from the same Institution. There should be a faculty member for each team as the Team Guide.
4. Teams must submit a two page abstract of their project in a specified format. (This Application)
5. The project must be an original work and the abstract must be certified by the Principal or Head of the Institution.
6. The signed copy of the certified abstract should be submitted online at <http://csiawards.inapp.in/apply/> on or before 20 Feb 2018.
7. The winners are decided based on a two stage expert evaluation. The first stage evaluation of abstract is based on the project idea and its implementation prospects.
8. The winners selected for second round presentation will be intimated by 13 March 2018 via email.
9. The second round evaluation will be through video conferencing and shall happen from 24-26 March 2018.
10. The final stage of evaluation is the demonstration of the software project before the judging panel, which will be held on 28,29 April 2018 at Trivandrum, Kerala
11. Project entries will be evaluated based on factors such as Innovativeness, Feasibility and Relevance.
12. The decisions of the award evaluation committee shall be final.

**Prizes:**

* First Prize: Award Instrument and Rs 50,000
* Consolation Prize: Award Instrument and Rs 25,000