

# KUMARESH

## DEY

### Contact

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### Academics

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**Jadavpur University (2020-22)**

M. E. Production Management

**Jalpaiguri Government**

**Engineering College (2015-19)**

B. Tech. Mechanical engineering

DGPA- 7.44

**Arambagh High School**

Higher Secondary (2015)

Score- 91.6%

Secondary (2013)

Score- 89%

### Skills

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- C, C++
- HTML, CSS, Wordpress
- IOT
- Autonomous robotics
- Solid Works

### Internships and Part times

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- **Subject Matter Expert (Mechanical engineering)-chegg.com**(Feb 2020 - Present) – Working as a mechanical subject matter expert and solving questions asked by UK/US students.
- **Research Intern – BIT Mesra** (Feb 2018 – Aug2018) - Worked as a research intern under Dr. Om Prakash on '**Solar air heater**'.
- **Research Intern - Jalpaiguri Government Engineering College (Jalpaiguri)** (Jun 2017 - Dec 2017)Completed conference paper named "**Optimum Inventory Cost- an EOQ Model** " and presented on international conference of **AFOR 2017**
- **Marketing - Schoolmitra.com (Virtual)** (May 2017 - Jun 2017) – Created a database of all schools of my area

### Projects

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- **Smart Plug (internet controlled plug)** (Feb 2017 - Feb 2017) - A plug that can be controlled from any place in the world through internet.
- **Solar StirlingGenerator**(Feb 2017)-Designed an efficient beta solar stirling engine which can be connected to a generator to produce electricity

### Achievements

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- Presented paper named "**Optimum Inventory Cost- an EOQ Model** " on international conference of **AFOR 2017**
- Presented paper named "**Environmental Effects Of Geothermal Power Plant – A Comprehensive Review**" on national conference **NCRAME 2019**
- Secured 3rd position in an autonomous robotics event organised by our college SRISTI15 and SRISTI2016

### Position of responsibility

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- Former campus committee member of Jalpaiguri Government Engineering College
- International Director of Jalpaiguri Govt. Engg. College's Rotaract Club (2018-19)
- Advising team member of college's night school JYOTI
- Core team member of Center For Innovation club
- Event coordinator of annual technical fest SRISTI2017