



Department of Computational and Data Sciences Indian Institute of Science, Bangalore

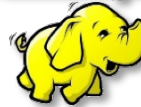
Data Science Symposium

23 - 24 March, 2018 | Indian Institute of Science, Bangalore

The *Department of Computational and Data Sciences (CDS)* at the *Indian Institute of Science (IISc)*, Bangalore is organizing a 2-day Data Science Symposium on March 23rd and 24th, 2018 at the IISc campus. The goal of the workshop is to encourage students interested in **post-graduate research studies (Ph.D. & M.Tech.)** to explore the exciting world of Data Science, especially to make them aware of global research opportunities in this field, industry collaborations, and enormous societal impact. The symposium will feature talks by faculty and industry experts on data science research and practice. Students will also get guided tours of the research labs and the IISc campus. Attendees will have the opportunity to interact with research scholars at CDS. An orientation session on the 2018 admissions process for CDS and IISc will also be provided.

About Data Science: Data Science is an inter-disciplinary field that uses mathematical, algorithmic & distributed systems techniques to extract useful knowledge and insights from massive quantities of data. Such complex analysis can help search through knowledge graphs, manage traffic using video analytics, or improve our understanding of the human brain. Scalability is a key facet of data science.

hadoop



APACHE
Spark



About IISc & CDS: IISc is the premier post-graduate institute in India, and features as the highest ranked institute from India in several global university rankings. Housed at the sylvan IISc campus in Bangalore, CDS offers one of the first data science programs in the country. CDS faculty work on cutting-edge applied research, and our graduates are placed at leading academic and industry labs globally.

Programme & Speakers

Research Talks

- Research talks by CDS faculty on data-science topics like Deep Learning, Video Analytics, Natural Language Processing, Fast Algorithms, Big Data Platforms & Cloud Computing. Speakers include:
 - Prof. R. Venkatesh Babu
 - Prof. Yogesh Simmhan
 - Prof. Partha Pratim Talukdar
 - Prof. Anirban Chakraborty

Expert Talks

- Expert talks from industry on practical uses of data science for Machine Vision, Machine Learning, Big Data Storage Systems and Pattern Recognition. Speakers include R&D leaders from Amazon, Google, VMware, Hortonworks, NetApp etc.
- Live Demos, Tours** of Research Labs and IISc Campus.
- Interaction with Research Students at CDS.
- Admissions, Fellowships & Grants** at CDS for 2018 cycle.
- Career Options** for Data Science Research Graduates.

Eligibility & Application

Eligibility

- Final Year** students enrolled in **B.E./ B.Tech./ M.E./ M.Tech./ M.S.** or equivalent programs in *Computer Science/ IT, Electronics & Communication, Electrical Engg. or Statistics*.
- GPA of over 75%** until the last completed semester.
- Bachelors students must have a **GATE score**, or have taken the GATE exam in 2018 (**Exempt** for students from IIT, NIT, ISI & Centrally Funded Technical Institutes, & Masters Students).

Selection Criteria

- There is a limited number of seats for the symposium. Preference would be given to students applying to the Ph.D. or M.Tech. (Research) degree programs at CDS, IISc in 2018.
- Applicants are selected based on academic record, aptitude for research, and technical accomplishments.
- We strongly encourage students of diversity to apply.

Accommodation: On-campus accommodation will be provided to a limited number of students from outside Bangalore, strictly based on need & availability.



Application Deadline: 12 Mar, 2018 Notification of Selection: 14 Mar, 2018
Online Application & Web Site: <http://cds.iisc.ac.in/dss2018>
Contact: dss2018.iisc@gmail.com



CDS
The Department of Computational and Data Science