

Placements:

- ❖ VIRTUSA company pool campus drive has been held at KLU Vijayawada on 05-01-2017 and four students got selected in the company.
- ❖ CGI company on campus drive has been held on 19-01-2017 and five students got selected in the company.

Selected candidates List:**VIRTUSA:**

SNO	REGDNO	NAME
1	13JR1A0545	D.NAVVEN KUMDA
2	13JR1A0553	K.SUMASREE
3	13JR1A0591	M.MADHUSUDAN SAI
4	13JR1A05C1	V.SREE VASAVI

CGI:

SNO	REGDNO	NAME
1	13JR1A0597	NUTHALAPATI MOUNIKA
2	13JR1A0599	PARA MOUNIKA
3	13JR1A05C5	YADLAPALLI TAPASWI
4	13JR1A05C8	YEPURI DEVI PRASANNA
5	13JR1A05E0	UPPALA RAMA KRISHNA

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MESSAGE FROM HEAD OF THE DEPARTMENT

Trans-crypt: Anatomy of a Python to JavaScript Compiler

Featuring a diversity of programming languages, backend technology offers the right tool for any kind of job. At the frontend, however, it's one size fits all: JavaScript. Someone with only a hammer will have to treat anything like a nail. One attempt to break open this restricted world is represented by the growing set of source to source compilers that target JavaScript. Such compilers are available for languages as diverse as Scala, C++, Ruby, and Python. The Transcript Python to JavaScript compiler is a relatively new open source project, aiming at executing Python 3.6 at JavaScript speed, with comparable file sizes.

For a tool like this to offer an attractive alternative to everyday web development in JavaScript, at least the following three demands have to be met:

From a user point of view, web sites and web applications created with it should be indistinguishable with regard to look and feel, page load time, page startup time and sustained speed

From a developer point of view, it should allow seamless access to any JavaScript library, efficient debugging and the opportunity to capitalize on existing skills

From a business point of view, it should offer continuity, availability of a large pool of professionally trained developers, a good ratio of created functionality to invested hours and a resulting application open to changing needs

To be successful, all aspects of these three requirements have to be met. Different compilers strike a different balance between them, but no viable compiler for every day production use can neglect any of them. For Transcript, each of the above three points has led to certain design decisions.

Upcoming Events

IOT FDP by NIT-Warangal

Python Workshop by Amar Sharma

IOT boot camp and Hackathon by Idea Labs

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Editors

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Mr. M.Mallikharjuna Rao
Mr. M.Ratna Raju
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Staff Achievements:

- ❖ Dr. G.Murali has applied the grant in AICTE of the amount 6, 94,000/-for FDP on “Training – Pedagogy” .
- ❖ Dr.Ch.Aruna has published the paper “Scalable and accurate missing value imputation with least-missing-column-values-impute-first and k-nn clustering strategies” in the journal of American scientific publishers.
- ❖ Prof. R.Ramesh, Dr.M.S.S.Sai, Dr.G.Murali, Mr.K. Sriraman, Mr.A. Veera Raghava Rao, Mrs.Ch. Jhansi Rani, Mr.M.Suresh, Mrs.B.Bhavani, Mr.G. Dileep kumar, Mrs.D.Jhansi Rani, Mrs.Y.Vasanthi, Mrs.K.Jhansi Rani, Mrs.SK.Shammi Munnisa, Mr.K.Upendra, Mrs.G.Anupama are attended the FDP on “Data Science and Big Data Analytics” by DELL-EMC on 17-01-2017 To 21-01-2017 at KKR & KSR Institute of Technology & Sciences.

Events:

FDP on Data Science and Big Data Analytics



The department has conducted the Faculty Development Program on Data Science and Big Data Analytics on 17th January, 2017 to 21st January, 2017. The program has organized by the DELL-EMC and the trainer Mr. Somu Shanmgavel, has handled the 5 days sessions very well planned manner and impose the knowledge on data

science. 15 members of department faculty and 8 members of outside faculty are actively participated in the program. Got the knowledge on Data Science and Big Data Analytics. Last day all the participants has taken the test for data science certification by DELL-EMC and all the participants got the certificates from the DELL-EMC.

Two- Day Workshop on Data Science and Big Data Analytics



The department has conducted Two-Day workshop on Data Science and Big Data Analytics for 3rd year students. Trainer Mr. Somu Shanmgavel, ICT Academy has quick start the 2 day workshop and later the trained faculty were trained the students in that particular area of data science.

The trainer given the brief description about the workshop as follows, Data Science dealing with structured and unstructured data. Data Science is a field that comprises of everything that related to data cleansing, preparation, and analysis. Data Science is the combination of statistics, mathematics, programming, problem solving, capturing data in ingenious ways, the ability to look at things differently, and the activity of cleansing, preparing, and aligning the data.

Big Data refers to humongous volumes of data that cannot be processed effectively with the traditional applications that exist. The processing of Big Data begins with the raw data that isn't aggregated and is most often impossible to store in the memory of a single computer. A buzzword that is used to describe immense volumes of data, both unstructured and structures, Big Data inundates a business on a day-to-day basis.