



**GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN
MADHURAWADA**

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING &
INFORMATION TECHNOLOGY**

TWO DAY WORKSHOP ON WEB DEVELOPMENT IN PYTHON USING DJANGO

Circular

Circular No: GVPW/CSI/2017-18/WS/03

Date: 12-02-18

This is to inform all the III year B.Tech students that we are conducting a 2-Day Workshop on Web Development In Python Using Django (17-02-2018 to 18-02-2018). We advise all the interested students to attend the workshop and attain maximum benefit from it.

Resource Persons : Mr. P Raja Sekhar, Solivar Labs

Interested candidates should give their names to the Faculty Co-Ordinators on or before 16-02-2018.

Faculty Co-Ordinators:

1. Ms. K. Suneetha
2. Mr. M. Santhosh
3. Mr. K. Nagaraju

Head of the Department

CC to:

Principal

CSE & IT Classroom Circulation

CSE & IT Staff

11/02/18

GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN
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TWO DAY WORKSHOP ON WEB DEVELOPMENT IN PYTHON USING DJANGO

Report on Workshop

17-02-2018

Session1:

- Introduction, to the students, was given on Frameworks and their application areas. Insights were provided into the benefits of using a framework while developing an application. Various frameworks used with python are elucidated with insights into web development and deployment using Django.
- Installing of Python, Django and setting up of a database is done and verified whether they were properly installed or not. Explanation was given on the directory structure along with various configuration files.

Session2:

- Students were given hands-on training on creating a project in Django framework and explanation of files in project directory like manage.py, __init__.py, settings.py, urls.py and wsgi.py (Web Server Gateway Interface) was done.
- A test app was created and illustration on writing different views was given.
- Introduced automated testing and explanation was given on writing basic test cases to test the views that were written.

18-02-2018

Session1:

- Introduction to Database setup was given and students were trained on creation and activation of different models.
- Insights were given into the API available for database interactions along Django admin module for creation of users and groups which can act under the application under an administrator supervision.

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

3 DAY WORKSHOP ON WEB DEVELOPMENT USING WORDPRESS

Circular

Circular No: GVPW/CSI/2017-18/WS/02

Date: 29-12-2017

This is to inform all the III year B.Tech students that we are conducting a 3-Day Workshop on Web Development on WordPress during 04-01-2018 to 06-01-2018 as a part of CSI Student Chapter. We advise all the CSI students to attend the workshop and attain maximum benefit from it.

Resource Persons: Mr. M Santhosh, Mr. V. Lakshmana Rao, Mr. G. Sankara Rao

Interested candidates should give their names to the Faculty Co-ordinators on or before 03-01-2018.

Faculty Co-ordinators:

1. Mr. M. Santhosh
2. Mr V. Laxmana Rao
3. Mr G. Sankara Rao


Head of the Department

CC to:

Principal

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3 DAY WORKSHOP ON WEB DEVELOPMENT USING WORDPRESS

Report on Workshop

04-01-2018

Session1:

- Students were introduced to categories of applications like standalone and distributed. Explanation was given on web servers and different web servers used for projects on different platforms.
- Introduction to web development was provided with hands on session for explain and practicing html tags for creating web pages.

Session2:

- Cascading style sheets were explained along with different ways of creating a style definition and importing in current html page.
- Hands-on practice session was conducted to create different html pages with form objects including styles.

05-01-2018

Session1:

- Introduced Java Script for providing client side validations and logic processing with examples.
- Document Object Model was explained to access data in the current html page and altering with the contents of the page.

Session 2:

- Students were introduced with XML and its applications. XML DTD and XML Schema were explained for creation of well formed and complete xml documents.
- AJAX was introduced to provide more dynamic nature to web pages and examples were given.

- Hands-on practice was provided to students to add more interactivity to the web pages using AJAX

06-01-2018

Session 1:

- Introduction to creating web pages using content management system is provided along with its benefits.
- Installation of wordpress is illustrated with creation of various types of web pages.

Session 2:

- Hands-on training is provided on File Transfer Protocol using FTP Client of FileZilla and deployment of website on domain space.

Faculty Co-Ordinators:

Mr. M. Santhosh

Mr. V. Lakshmana Rao

Mr. G. Sankara Rao

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

3 DAY WORKSHOP ON BIG DATA

Circular

Circular No : GVPW/CSI/2017-18/WS/01

Date: 20-12-17

This is to inform all the CSI students that a 3-Day Workshop on Big Data is going to be held during 26-12-17 to 28-12-17. We advise all the interested students to register their names with the faculty coordinators and attend the session.

Resource Persons: Mr. G Suresh

Faculty Co-ordinators:

1. Mr M Santhosh
2. Mr K. Nagaraju

Interested candidates should give their names to the Faculty Co-Ordinators on or before 23-12-2017.


HOD
CSE Department
GVPCEW

Circulation to:

CSE & IT Classroom Circulation

CSE & IT Staff

II CSE-1 VLR V
II CSE-2 KR
III CSE-1 KNSC
III CSE-2 KS
IV CSE-1 DM. MBS
IV CSE-2 CHG

**GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN
MADHURAWADA**

DEPARTMENT OF CSE & IT

3 DAY WORKSHOP ON BIG DATA

26-12-17

Session1:

Students were exposed to the definition of Big Data and how BigData is generated with Real Time Generation. Insights were given on the application areas of Big Data in the industry. Comparison between traditional data processing techniques and processing with big data was explained along with the future of big data

After Break:

A brief introduction on Hadoop Eco System which includes MapReduce, HDFS, Hive, PIG, and HBase was given.

Session2:

Students were introduced to Hadoop and its architecture, anatomy of Hadoop Cluster, Hadoop setup and Installation.

27-12-16

Session1:

A brief introduction is given on HDFS concerning on the topics of data flow, integrity, coherency, fault tolerance and some shell commands and Java Based API.

After Break:

A detailed introduction of the theory of MapReduce with its architecture was given. Later Map Reduce programming basics were explained.

Session2:

Extensive programming practice was given with hand-on training on mapreduce coding with examples of wordcount and weather forecasting.

28-12-2016

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Report on "Expert Talk on Latest Trends in Information Technology"

06-09-2017

An expert lecture was held on the topic "Latest Trends in Information Technology" by Prof. Dr. M.L Sai Kumar. Topics like Industrial IoT, Block Chain Technology and Computer Assisted Learning were discussed. The real needs and requirements for Industrial purpose which can be empowered by deep learning were discussed as part of current trends in Industrial IoT.

Using blockchain technology in areas like banking, crypto currencies and security was discussed. The use of computers and software to assist education and/or training, for students with learning disabilities, for instance, providing personalized instructions and enabling students to learn at their own pace, freeing the teacher to devote more time to each individual, etc were discussed as part of Computer Assisted Learning.

Faculty Co-ordinators:

Mr. M. Santhosh

Ms. K. Suneetha

Mr. K. Nagaraju