About the Institution

Bapuji Institute of Engineering and Technology (BIET) is one among the top ten self-financing engineering institutions in the state of Karnataka, providing high quality education to bring out skilled engineers and technocrats. The greenery campus spread over an area of 63 acres provides the state-of-art-infrastructure and facilities. The institution is accredited with 'A' grade under NAAC and five major departments have been accredited by NBA. The Institute provides an ideal ambience for teaching-learning process, co-curricular and extra-curricular activities to achieve excellence in technical education, research and promotion of entrepreneurship. The institute has got recognition by UGC under section of 2F of UGC. Institution also has the facility of New Age Innovation Network (NAIN) center.

About the Department

The department of Information Science and Engineering was established in the year 2000 with the vision to produce high-qualified professionals in the field of Information Technology. The department started with an intake of 60 students, and subsequently intake is increased to 180 in the year 2022.With the support of our beloved chairman Dr. Shamanur Shivashankarappa, Director and Principal, the department has grown over the last two decades in terms of infrastructure, facilities & teaching excellence. The department has a state-of-the-art laboratory, library facilities and well trained and experienced teaching faculty who emphasize the theoretical and practical applications of computation to the needs of society.

About the Workshop

The main objective of the workshop is to explore the different topics on Data Analytics and Data Science related tools used in different applications. The workshop is open for all the faculty members of Engineering & Technology as Data science combines mathematics, statistics, advanced analytics, Artificial Intelligence (AI) and Machine Learning. Visvesvaraya Technological University (VTU) Belagavi is sponsoring this workshop to mark the Silver Jubilee celebration of university.

About Resource Person

Mr. Shivakumar Keshavamurthy, an IITian who is Dynamic, Dedicated and Strategic IT Leader with Global, Multi-cultural diversified experience. He has 30 years of experience in Software Industry with expertise in Data Science, Enterprise Systems, Gaming, Payment Systems, Smartcard Security and Networking. He also established Data Science practices on predictive and prescriptive analysis and delivered data driven solutions to business challenges.

SCHEDULE OF THE PROGRAM

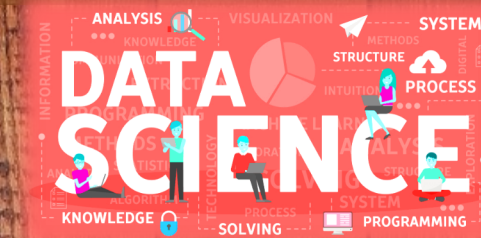| DAY's	9.00 a.m. to 5.00 p.m.
DAY 1	Data Science, Data Analytics and Applications Introduction to Data, Datatypes and Data Organization. Basics of Python for Data Analysis.
DAY 2	Descriptive Statistics – Mean, Median, Mode, Quartile, Measure of Variability, Skewness , Kurtosis, Range, Correlation.
DAY 3	Visualization with Case Studies using Python Exploratory analysis.
DAY 4	Sources of Data, Handling missing data with case studies using Python.
DAY 5	Web Scrapping with case studies using Python. Sentiment Analysis using Images with case studies using Python.

VTU SPONSORED

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Five Days Workshop
on

DATA ANALYTICS AND DATA SCIENCE

From 30th Jan to 3rd Feb 2023

Organized By,
Department of Information Science and Engineering.
BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY,
PostBox No. 325, Shamanur Road, Davangere-577004,
www.bietdvg.edu, 08192-221461,220938.

Chief Patrons

Dr. Shamanur Shivashankarappa
Secretary, Bapuji Educational Association.

Sri. S.S. Mallikarjun
Joint Secretary, Bapuji Educational Association.

Dr. S. Vidyashankar
Vice Chancellor, VTU, Belagavi.

Patrons

Dr. B. E. Rangaswamy
Registrar, VTU, Belagavi.

Dr. T. N. Sreenivasa
Registrar (Evaluation), VTU, Belagavi.

Dr. H.B. Aravind
Principal, BIET, Davanagere.

Prof. Y. Vrushabhendrappa
Director, BIET, Davanagere.

Organizing chair
Dr. Poornima B.
Professor and Head, Dept. of IS&E.

Resource Person

Mr. Shivakumar Keshavamurthy
Industry Expert.

Steering Committee members

Dr. Ashoka K.
Associate Professor, Dept. of IS&E.

Dr. Vinutha H. P.
Associate Professor, Dept. of IS&E.

Dr. Sreenivasa B. R.
Associate Professor, Dept .of IS&E.

Dr. Rekha C.
Associate Professor, Dept. of IS&E.

Organizing Committee members :

Dr. Anitha G.	Asst. Prof. Dept .of IS&E.
Dr. Varsha M.	Asst. Prof. Dept .of IS&E.
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Prof. Vinay M.T.	Asst. Prof. Dept .of IS&E.
Prof. Hemashree H. C.	Asst. Prof. Dept .of IS&E.

DEPARTMENT VISION

"To be the **center of excellence** by adopting Technological **innovation** in **academics** and **research**, to develop competent **man power** for emerging needs of **society** and **industries.**"

DEPARTMENT MISSION

M1: To provide **quality education** to meet the challenges of technological changes to succeed in their **professional career** and **higher education.**

M2: To inculcate the culture of **research, innovation** and **entrepreneur skills** among the students**.**

M3: To groom our students with the quality of **team spirit, leadership skills** and **ethical values,** to share and apply their knowledge for the **benefit of the society.**

Number of Participants limited to 40

Registration Fees : ₹ 500

Last Date for Registration: 25th Jan 2023

Mode of Payment

Google pay/ PhonePe

Mr. Santhosh T- **9880680038**

Certificate will be issued to all the participants after the completion of the workshop on attending all the sessions. **The online registration is Mandatory for all the Participants using the following Link:**

https://forms.gle/RJYxWwuFRpbeq2TL9

Details of Contact Persons

Mr. Sheik Imran
Assistant Professor, Dept. of IS&E, BIET, Davangere.
Mobile: 9945119199

Mr. Santhosh T
Assistant Professor, Dept. of IS&E, BIET, Davangere.
Mobile: 9880680038

NOTE: Paid Accommodation will be arranged in the college campus for outstation candidates on request.

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ONLINE REGISTRATION

REGISTRATION LINK:

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