

BSc-DATA SCIENCE

GD-BSc-DS



SAVITRIBAI PHULE PUNE UNIVERSITY



Department of Technology

GRADUATE DEGREE IN

BSc-DATA SCIENCE

Semester Pattern



Pune University

Pune is the main educational center of Maharashtra. Numerous students from every corner of India and the world come to Pune. It is quite safe and peaceful city as compared to other educational centers in India. The climate of Pune is pleasant and good for health. The city of Pune houses many well-known, established institutes and colleges. SPPU is one of the finest and most popular educational centers in Indian. It offers excellent programs in various areas including Science, Commerce, Arts, Languages and Management Studies. Savitribai Phule Pune University, one of the premier universities in India. It occupies an area of about 411 acres. It was established on 10th February, 1949, university houses 46 academic departments. It is popularly known as the 'Oxford of the East'. It has about 307 recognized research institutes and 612 affiliated colleges offering graduate and under-graduate courses.

Vision

- To develop competent engineers to fulfill demands of Data Science & AI

Mission

- By strengthening the design skills of students with the advanced softwares in DS & AI.
- By Developing industry institute interactions to identify needs of DS & AI.
- By organizing expert webinars ,practical hands on sessions to encourage the students to become an asset of Industry.



Data Science

Data Science will require the world to produce a new kind of worker a knowledge worker! Tomorrow's industry leaders and managers must possess new skill sets to adapt, to manage, and to take advantage of Machine Learning. They must be critical thinkers, problem solvers, innovators, communicators, and provide value driven leadership. They must be able to see beyond the technology at play to the implications for society for the use of that technology. These traits define the knowledge of worker. They must know **the** technology but be able to meet and solve all aspects of the challenges engendered by this technology. This kind of leader requires a new approach to education.

Benifits of Program

The present and future scope for Data Science course to get the actual learning in manufacturing/IT domain that cover almost 70% jobs in the world Data Science, especially when coupled with machine learning and artificial intelligence, will substantially change conditions for workers: "Many jobs will disappear while we will gain a lot of new jobs, and many repetitive tasks will shift from manual labor to automation. Data Science helps you manage and optimize all aspects of your manufacturing processes and supply chain. It gives you access to the real-time data and insights you need to make smarter, faster decisions about your business, which can ultimately boost the efficiency and profitability of your entire operation.

Technical Understanding

What is Data Science: What Is It Exactly?

The central aspect of data science is getting new results from data. DS is based on strict analytical evidence and works with structured and unstructured data. In fact, everything connected with data selecting, preparation, and analysis relates to data science. Data science allows us to find the meaning and required information from large volumes of data. As there are tons of raw data stored in data warehouses, there's a lot to learn by processing it.

What is it used for?

Tactical optimization (improving marketing campaigns, business processes) Predicted analytics (forecast of demand and events) Recommendation systems (like those of Amazon, Netflix) Automatic decisionmaking systems (like face recognition or drones) Social research (processing of questionnaires)

Course Specialty

When we started in the field of Data Science around 2011, Data Science were becoming mainstream trends & I was excited about pioneering this revolution in India. More than half a decade later and having groomed thousands of professionals like you into successful Data professionals & Data leaders; We are humbled that our vision of transforming India into Data Science superpower is coming to reality!

Data is the new Oil" is now the buzzword across industries & organizations are now looking for bright professionals like you who can harness the true potential of data. Thousands of exciting jobs that of Data Scientists, Data analysts, Data Science managers are getting created every month and talented professionals like you are needed to fill these opportunities. SPPU's mission is to groom Data leaders of tomorrow and as you start your Data Science journey at DOT SPPU, you will learn not only tools & techniques to enter these roles but the mindset required to succeed in Data Science roles ahead. Welcome to an exciting journey in Data Science!



Message from HOD

Our HOD 'Mr. Aditya Abhayankar' says "Change won't wait for us: business leaders, educators and governments all need to be proactive in up-skilling and retraining people so everyone can benefit from the Fourth Industrial Revolution". So, we have the obligation to create the models and contexts to allow it to happen, otherwise we will have a generation with no skills shortage for the new demands of the labour market and that will become a big problem to society.



Webinar

We have organised webinar for Student welfare by the guest speaker which are highly talented and experienced personalities from very reputed Companies. Few of them are as below.



Mr. Sunil Mirchandani

Soft Skill Expert



Ms. Deepa Bharati

Senior Data Analyst
Persistent Limited



Mr. Meher Gupta

Senior Manager
Cummins Technical Center India Ltd.



Miss. Sandhya Krishnan

PhD from University of
Amsterdam



Mr. Ganesh Patel

Sr. Research Engineer
Quillbot (Jaipur-Rj)



Mr. Tushar Kute

Data Scientist &
Researcher in
MITU Research



Mr. Amol Satpute

Data Scientist
Zensar Technology



Mr. Yogesh Murumkar

Director
Bharat Soft Solutions

Student Opinion



Miss. Pooja Ghule

Batch: Data Science & AI

Placed Company: Credenca Data Solutions Limited.

Package: 4.7 Lakh

Pooja's opinion: I am very happy to be selected in Credenca Data Solutions Limited which is my first job after Mechanical Engineering. It is because of the efforts put by our faculties and Training & Placement cell.

DOT Post Graduation Diploma in Data Science & AI provides great exposure to students by organizing different activities. I feel great studying at Savitribai Phule Pune University as it gives great opportunity as well as support from faculties and placement officers. Acquiring a place in Credenca is an accomplishment for me for which I would like to thank specially to Dr. Manisha Bharti Madam & SPPU.



Miss. Sakshi Parate

Batch: Data Science & AI

Placed Company: Gavs Technologies

Package: 4.7 Lakh

Sakshi's opinion: I will always be grateful for the technical & professional learning in PG Diploma in Data Science and Artificial Intelligence under DOT, SPPU. This course gave me direction towards my aim. Faculties & Students are very supportive. I am thankful to all of them.

Alumni & Placement Programme

Placement programme "Abhivyakti 2022" conducted for previous batch and current batch students who have been placed in several companies.





Faculty



Dr. Manisha Bharti

21 Years of Experience in Data Science, Machine Learning, Network Security & AI



Prof. Sunita Bangal

20 Years Experience in Machine Learning, Statistics, Deep Learning



Prof. Swapnil Pawar

05 Years Experience in Power BI



Prof. Tausif Shaikh

05 Years Experience in R Programming



Prof. Mrugnayani Bhamare

02 Years Experience in Python



Prof. Chhaya Kadam

02 Years Experience in SQL



Admission Details

Eligibility : 12th any Stream, Any Diploma

Semester : Six Semester (Three Year Duration)

Intake : 120

Tuition Fees : 1.55 Lakh/Year

Certificate : Savitribai Phule Pune University

Key Features of Program

- Highly preferred by working Professional.
- Dedicated Placement Assistance.
- Highly Qualified Faculties
- LMS Based Learning
- Industrial Expert's Webinar
- Practical Laboratory
- Mini Project/Internship
- Loving Atmosphere

Photo Gallery

Innagation of the "IoT Lab Research and Training Center"

First IoT Lab Innagrated by Hon'ble, Dr. Rogelio Minana, Vice Provost, Drexel University, USA





Career Support

We offer placement in top companies and also offer internship in Reputed Companies where you have great opportunity to grow your career in today's era.



TATA



Extentia Information Technology



Credenca



SENSITAL



LINECRAFT AI



Gavs



SYNERGIOTIS



SCORPIUS TRACKERS PVT. LTD.



ONWARD TECHNOLOGIES



Contact Us



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