

SRI VENKATESWARA UNIVERSITY

(Accredited with NAAC A⁺)

TIRUPATI – 517 502



DEPARTMENT OF COMPUTER SCIENCE

SVU COLLEGE OF COMMERCE, MANAGEMENT & COMPUTER SCIENCE

Industry Integrated

MASTERS IN DATA SCIENCE

In Collaboration with

EXAFLUENCE EDUCATION



ACADEMIC SESSION:2023-24

ADMISSION PROSPECTUS

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MS Data Science Entrance Test -2023

Activity Schedule

Sl.No	Particulars	Dates & Timings
1	DATE OF NOTIFICATION	8th Oct 2023
2	COMMENCEMENT AND RECEIVING OF ONLINE APPLICATION FORMS.	8th Oct 2023
3	LAST DATE OF RECEIVING OF ONLINE APPLICATIONS.	15TH Nov 2023
4	DATE OF ENTRANCE TEST	19th Nov 2023
5	TIME OF TEST	10:30 am – 11:30 am
6	MODE OF TEST	Online
7	RESULT ANNOUNCEMENTS	20th Nov 2023

A. ABOUT SVU

Sri Venkateswara University established in 1954, to cater to the educational needs and aspirations of people of the Rayalaseema Region of Andhra Pradesh. After completing 66 years of excellence in teaching, research, extension and outreach activities, the University is committed to cater to the needs of higher education offering a full range of post-graduate programs in Arts, Sciences, Law, Management, Education, Physical Education, Engineering and Pharmacy disciplines. From a humble beginning of one College with six departments, the University has now grown into the second largest University in Andhra Pradesh having four constituent Colleges viz. College of Arts, College of Sciences, College of Commerce, Management & Computer Science and College of Engineering accommodating 54 departments offering 72 programs. The University has made rapid strides in the field of higher education and research and is adjudged as one of the best Universities in the country.

B. INDUSTRY INTEGRATION SVU-EXAFUENCE

In line with the New Education Policy (NEP), which underscores the importance of equipping students with cutting-edge technological skills for success in an ever-evolving world, SV University has taken proactive steps. Recognizing the significance of integrating emerging technologies like Artificial Intelligence (AI), Internet of Things (IoT), and Big Data Analytics into academic programs spanning diverse disciplines, the university has strategically partnered with Exafluence Inc. USA. This renowned provider of Data and Analytics services on the latest technology platform joins hands with SVU to introduce an innovative, industry-academia collaborative program – MS Data Science.

The Department of Computer Science at SV University proudly unveils the all-new MS in Data Science program, characterized by its industry-integrated approach and a "work-while-you-learn" pedagogy, in collaboration with Exafluence Inc. USA's EdTech unit. This program's comprehensive curriculum encompasses a wide spectrum of subjects, including Data Analytics, Data Visualization, Machine Learning, Data Engineering, and Big Data Management. Students will actively participate in hands-on projects and real-world case studies, enabling the practical application of theoretical knowledge.

C. EXAFUENCE EDUCATION

Exafluence, a globally recognized analytics corporation specializing in domain-centric business solutions, made a significant foray into the education sector in 2022, culminating in the establishment of Exafluence Education. The core objective of Exafluence Education is to bridge the gap between academia and industry by providing students with genuine real-world experiences. This initiative aims to cultivate highly skilled data science experts who can address global demands effectively.

D. COURSE OFFERED

Introduction to the MS in Data Science Program:

SVU's Department of Computer Science, in collaboration with Exafluence Inc. USA, introduced MS in Data Science program for National & International Students. This innovative two-year course is Self-Supporting collaborative PG Programme, designed to equip students with the skills and expertise needed to thrive in the dynamic field of data science. In an era driven by data, this program empowers students to harness the power of information, providing them with a competitive edge in various industries.

I. Mode of Delivery:

Our program adopts a versatile and inclusive approach to delivery, blending both on-campus and off-campus learning.

a. On-Campus Delivery: On-campus delivery provides students with a traditional classroom environment where they can engage directly with professors and peers. This mode fosters face-to-face interactions, facilitating in-depth discussions and networking opportunities. It allows students to immerse themselves in the university's vibrant academic atmosphere and access its state-of-the-art facilities.

b Off-Campus Delivery: Our off-campus delivery mode is designed for flexibility and convenience. Students can access the program remotely from the comfort of their chosen locations. This mode includes interactive regular classroom sessions spanning eight hours, accessible through an LMS platform.

E CURRICULUM:

The Master's in Data Science program spans four semesters, commencing with fundamental data science topics and advancing to more specialized subjects. Students benefit from the rich curriculum that includes electives in both data science and data engineering. The two-year program will help the students to become proficient in a wide array of Industry-relevant tools & technologies. In the final semester students will have to undertake a capstone project provided Exafluence Inc, USA.

F. COURSE FEE:

Course Type	Self-Supporting collaborative PG Programme
Course	Masters in Data Science
Duration	Two-Year Full Time
Fee	INR 3,00,000 lakh Plus 18% GST

First Year Fee	INR 1,50,000 Lakh plus 18% GST
Second Year Fee	INR 1,50,000 Lakh plus 18% GST

Note:

- Fee concession is not applicable to the reservation category as this a self financed programme.

G. EDUCATIONAL LOAN

Students also have the provision for educational loan both Nationalized Bank & NBFCs

1.0 APPLICATION PROCESS

1.1 The application must be submitted exclusively online via the website www.svuniversity.edu.in or www.exafluence.education after registering with your name and other necessary information.

1.2 Details to be furnished by students at the time of Registration

Students should furnish the following details in the online registration form:

- Qualifying Examination
- Year of passing the Qualifying Examination
- Scanned copy of passport size photograph in .jpg or .jpeg format
- SSC or 10th Year of Passing
- Intermediate Year of Passing
- Aadhar card number

2.0 ELIGIBILITY FOR APPLYING THE COURSE

2.1 The candidate with the following qualification is eligible for Masters in Data Science Program.

- B.Sc. / M.Sc.: Computer Sciences, Maths, Statistics, Physics, Chemistry, Electronics, IT, Bio-technology, Bio-informatics.
- BTech / BE in all streams.
- BBA / MBA.

2.2 Candidates are advised to carefully review the eligibility conditions provided in the prospectus before applying for a specific test.

3.0 ENTRANCE EXAMINATION FEE & PAYMENT PROCESS

3.1 Students registering for the course should pay an application fee/Entrance fee
Students have to register for the Data Science Entrance Exam by paying

Fee: INR 1500 + 18 % GST

3.2 **Fee Payment Process:**

- For payment of Registration Fee candidates should go to any of the following websites www.svuniversity.edu.in or www.exafluence.education
- Link for the payment of registration fee is available on the website.
- The payment of the registration fee can be done online through Payment Gateway provided in the above mentioned websites (through Credit Card/Debit Card/ Net banking).

4.0 DETAILS OF THE MASTER'S IN DATA SCIENCE ENTRANCE EXAMINATION:

- The test will be a computer-based proctored test wherein the candidate has to answer them online. The test will be in English medium and will be conducted for 50 Marks with 50 multiple choice Objective type questions. There is no negative marking for the wrong answers.

5.0 ADMISSION PROCESS

The qualified students will be called for the admission procedure

Documents to be submitted at the time of admission

Candidates must submit the following original documents during the admission

- a) Marks statements and Provisional/Degree Certificate of the qualifying examination.
- b) Transfer and Conduct certificates
- c) SSC and Intermediate pass certificates.
- d) Two Passport size photographs.
- e) Relevant Caste certificates to be produced at the time of admission.

6.0 SEAT ALLOCATION BY RESERVATION CATEGORIES

6.1 The seat allocation for the candidates will be based on AP state Government Reservation Policy

- EWS – 10%
- SC – 15%
- ST – 6%
- BC – 29%
 - i. Group – A – 7%
 - ii. Group – B – 10%
 - iii. Group – C – 1%
 - iv. Group – D – 7%
 - v. Group – E – 4%
- NCC/NSS/Sports/ Cultural Activities – 4%
- Physically Challenged – 3%
 - i. Visually Challenged – 1%
 - ii. Hearing Impaired – 1%
 - iii. Orthopedically Challenged – 1%

- CAP – 2%
- Remaining 31% of seats will be allocated to General Category.

6.2 If a vacancy arises under the SC category, it goes to ST, and vice versa. If there are not enough SC and ST candidates available, the remaining seats are allocated based on the admission process.

6.3 If there is a vacancy under one BC group, it is allocated to another BC group (e.g., BC-A to BC-B, BC-B to BC-D). If there are not enough BC candidates available, the vacant seats are allocated based on the admission process.

6.4 For admission into Extracurricular Activities (ECA) seats, participation during the period of study of the qualifying examination alone is considered.

6.5 Expert committees appointed by the University will certify the suitability and Priority of candidates under special categories (ECA/PH/CAP).

6.6 Reservation for women: One-third of the seats are reserved for women candidates in each category (i.e., OC, SC, ST, BC, ECA, PH, and L/NL). This rule does not apply if women candidates selected on merit in a category already form one-third or more of the seats therein. If there are no suitable women candidates in a category, the seats will be filled with men candidates of the same category. The absence of an adequate number of women candidates in a category cannot be compensated by allocating more seats for women in another category.

6.7 BC-C (1%) SEATS: BC-C allotment will be done, taking into consideration the total seats available in each subject and college, by adopting a rotation system.

6.8 Students under reservation category should submit relevant documents of proof at the time of admission.

Note: This MS programme is a self-financed course and is **not** applicable for benefits under schemes such as **Jagananna Vidya Deevena (JVD), Jagananna Vasathi Devana (JVAD) and other government scholarships.**

7.0 HOSTEL ACCOMMODATION

SV University campus hostel accommodation **will not** be available for students. However, interested students will be directed to nearby PG facilities on additional payment basis. Additionally, transportation facilities provided by Exafluence will be available to assist students in commuting to and from the campus to a standard location.

8.0 SCHEDULE OF ENTRANCE TESTS: 19th Nov 2023

9.0 SPECIAL INSTRUCTION

A laptop is mandatory for Master's in Data Science course, and students are required to have a laptop of their own with the following configuration:

- Processor (CPU): A multi-core processor with a clock speed of 2.5 GHz or higher is recommended. Intel Core i7.

- RAM: A minimum of 16 GB RAM is highly recommended.
- Storage: SSD (Solid State Drive) storage is essential for fast data access and program loading. A 512 GB SSD or larger is recommended.
- Exafluence will provide all the necessary opensource software required for the MS in Data Science program, ensuring students have access to the essential tools and resources for their coursework. If licence for any software has to be obtained the actual cost of which will be borne by the student themselves.

Note : The right to cancel or modify admissions, if any incorrect information is discovered is vested with the concerned authorities.