EMERGING OPPORTUNITIES IN
BIG DATA ANALYTICS

Arti B

In the world before us, changes are occurring in all spheres and the world of careers is not untouched by these changes. Many jobs of the past have lost their relevance and a number of new jobs and career opportunities have come up. Many subjects have grown in their dimension providing more opportunities to researchers and job seekers in these subjects. Data science is one of such subjects.

Statistics is a subject that deals with numbers and data. Data science is also known as an independent subject. But Big Data Analytics, though a combination of Statistics and Data Science, is much more than these two. The emergence of big data analytics has created many new opportunities for businesses, organizations and job seekers that we will see in this article.

As the information age is moving ahead, we are finding ourselves in an increasingly data-rich and data-oriented world. Data can be defined as a set of characters collected and used for specific purposes. These characters may be in the form of numbers, words, audio or video.

BIG DATA ANALYTICS DECISIONS

Observations or descriptions. To make sense of data, it needs to have some context. For example, random numbers 42, 45 and 51 have no meaning, but if we say that these are averages ages of employees in these different departments in an organization, it will be much clearer. Many conclusions can be drawn with such data.

Data is being generated since ages but never had we seen such massive amount of data as we see today. Almost everything big company does today is detailed data and analytics in one way or the other. Organizations are now using sophisticated analytics tools and techniques to identify new growth areas, reduce costs, increase profits, make better decisions and realize more effective budgets. Data analytics has made its entry in every industry be it healthcare, consumer goods, entertainment or any other.

What Big Data means?

For a long time, companies used limited and highly structured data generated mostly internally. Examples include transaction and customer related data. Now companies access outside data as well which may comprise of data of other companies, markets and social media sites. This data is used for company’s own advantage. Organized and unorganized, put together, it becomes a huge dataset of dynamic nature. This world of data is called big data.

Data is characterized by three “V’s” - Variety, Volume and Velocity. What is analytics?

Analysis is a familiar term for us and we know its meaning. Analytics is the science of analysis with tools developed for the purpose and is done with specified objectives. Thomas Davenport in his famous book ‘Competing on Analytics’ has defined big data analytics as ‘The extensive use of data, statistical and quantitative analyses, exploratory and predictive models and data-based, management to drive decisions and actions’.

When analytics is applied on big data, it is termed as Big Data Analytics. Such analytics can be divided into the following.

CIVIL SERVICES INTERVIEW: PROBABLE QUESTIONS AND HOW TO TACKLE THEM

Part III

S B Singh

Any interview, more so an Civil Services interview, is mainly about questions being raised by board members and answers being offered by the candidates. Thus, anticipating questions and formulating answers is an important part of the interview preparation. After acquainting oneself with the purpose and technique of the interview, one must turn one’s attention on creating a pool of probable questions on a variety of topics and formulate their answers. Questions should be logical and acceptable to the interview board. The exercise will minimize the surprise element during the interview session in that most of the questions will appear to have been asked on expected topics.

Area wise analysis of questions

I Educational background: In this section, questions will pertain to the name of school, college, subjects studied there and performance in terms of marks or grades obtained. You must know what is the significance of the name of your school/college, when and by whom it was established and what alumni you can recall from the institution you have studied in. Say for example, if you have studied in a school called ‘Nagdevaya Vidyalaya’ you should know the objectives of such schools, your personal experience about it, values imbibed by you from your association with the school.

II. Parental background: In some cases, they will also take interest in your parents’ occupation by asking you as to what you have learnt from their professional experience, and if your parents are role models for you.

III. Work experience: If you have worked in private sector or under government, they will definitely ask you to tell about your experiences and what you have been asked to do in the organization. You are expected to know what your organization is all about, details of tasks performed by you, why you want to leave that job and want to join civil services, how your job experience can help you in your career in civil services.

IV. State to which you belong: A wide range of questions will be based on your state. Its cultural, historical importance, law and order situation, governance, performance on various economic indicators, state of agriculture, industrialization, resources available and problems of your state, will constitute areas on which questions will be asked.

V. Hobbies, extra curricular activities: On your hobbies, questions are meant to assess your genuine interest in what you pursue as your hobby. If reading is your hobby, whether you read fiction or non-fiction, who is your favourite author, which books you have recently read, will be one likely questions. Similarly if watching documentaries or photography is your hobby, they will delve deep in the subject to find out your level of commitment and interest in the stated hobby. Say for example, you have mentioned watching wildlife documentaries as your hobby, you will be asked to name a few famous Indian and foreign documentary makers, whether you have watched their documentaries or not.

Continued on page 15
impression before the board. Similarly, if you have mentioned yoga or meditation as your hobby, expect both theoretical and practical questions on these hobbies. For example, what is the underlying philosophy of yoga, who was its main proponent, what are its benefits to various age groups, and what are the common misconceptions about it?

VI. Why you want to join Civil Services: During the interview session, the common refrain is "Why you want to join civil services." Almost every candidate is asked this question by one or another member of the board. Though the question is common, it does not mean answer to it should be common too. Rather than sounding ideistical, you should offer a realistic answer to this question. Answers like "I want to serve the nation, or I want to serve the society, or it offers a diverse, challenging career like any other," are repetitive and may not be of interest for the board members to ask questions. The way you frame likely questions on your different hobbies and caramelize your knowledge is important.

VII. Situation based questions: Not always, but in many cases, one of the board members may take situation based questions. This can be either on a real situation that has appeared in news, or a hypothetical one. In both types of situations, real or hypothetical, your answer must weigh in all factors and then provide a solution that sounds implementable on-ground, helpful to the country or citizens and innovative in thinking. For example, consider this situation: "A Grains company was asked to close down its plant because of product manufacturing process was posing danger to environment and prepared health. However, the company has facilities to produce oxygen gas which can help overcome oxygen crises in the country in the wake of corona resilience. The company has made a request to you to permit it to reopen the plant so that it can produce and supply much needed oxygen. Will you allow it to be reopened if you were the authority to decide it? Now, your answer should be based on putting priority on protecting human life by accelerating production from all possible sources. Since the company has approached you for permission, you will consider it on most urgent basis. But at the same time, you will also consider the fact that the company was closed due to environmental hazards and therefore, it should not be allowed to operate permanently in the view of producing oxygen.

Your concern for environment will remain and you will grant it only temporary and conditional permission to produce oxygen only and not its main product which was manufacturing before its closure. By this, the objective of preparing oxygen gas for the need will be met without compromising on the environmental risks the company can pose again.

VII. Current affairs: Some interviewers may ask about the top current affairs of the news for a long time. Your current affairs knowledge should be good enough to answer questions on recent news, and you need to be well-versed in all the topics, as they may come up in subsequent questions. For example, when was the last time you watched a news? What was the news about? When did you last read a newspaper? What did you read about? Why is the issue important? What are the possible solutions to the problem? How would you tackle the problem?
Office of the Comptroller and Auditor General of India

9, Deen Dayal Upadhyaya Marg, New Delhi-110124
Notice for the candidates selected for the post of Assistant Audit Officer, Divisional Accountant and Auditor through Combined Graduates Level Examination (CGLE)- 2018.

It is hereby informed that allocation of States/Offices to the candidates nominated for appointment to the post of Assistant Audit Officer, Divisional Accountant and Auditor in Indian Audit & Accounts Department (under the Comptroller & Auditor General of India), through Combined Graduate Level Examination-2018, will be made on the basis of merit cum State preferences of the candidates. The detailed information in this regard is available on the website (www.cag.gov.in) of the Comptroller & Auditor General of India. The selected candidates are advised to visit website and use the URL http://cag.deli.nic.in/StateAllocate for filing up the details of their personal information, State preference & Attestation form.

The URL will be open from 26th April, 2021 and the last date of submission of online details is 17 May, 2021.

date: 01/01/11/003/2312

EN 6/11

A COMPREHENSIVE DIGEST OF INDIA’S STATES, UNION TERRITORIES & GOVERNMENT OF INDIA’S MINISTRIES, DEPARTMENTS AND POLICIES, PROGRAMMES & ACHIEVEMENTS

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e-mail: businessenquiry@gmail.com
To buy online visit:
www.bharatkosh.gov.in

Shri Vishwakarma Skill University

(State University enacted under the Government of Haryana Act 25, 2016)

Advt. No. SVSU/2021/Edt/ 7096
Vacancy Notice for Dean and Dy. Librarian

The University invites online applications on the prescribed application form, available on the University website i.e. www.svsu.ac.in from the eligible candidates for appointment to the post of Dean on Deputation/Contract & Deputy Librarian on regular basis. The last date for receiving duly filled applications along with enclosures is 21st May, 2021 (05:30 PM).

For detailed terms & conditions along with prescribed qualifications, eligibility criteria and selection criteria, visit the University website www.svsu.ac.in

EN 6/6

Registrar

SHRI LAL BAHADUR SHASTRI NATIONAL SANSKRIT UNIVERSITY

(Deemed to be University)

Gen. A.K. Vaidehi, Mang, Filmykhoj, Santosh Nagar, Gemberon (E), Mumbai- 400 085

Act No. IGIDR/44/2021/85
Date: 20.04.2021

RECRUITMENT ADVERTISEMENT

IGIDR invites applications from Indian National for filling up the vacant post of Office Assistant (Estate Department) as follows:

Sr. No. Post Details Qualification and Experience Essential Qualification:
1. Office Assistant (Estate Department)
   a. Bachelor’s degree or its equivalent with first class from a recognized university/institute.
   b. Typing speed of 30 words per minute in English.
   c. Strong oral and written communications in English.
   d. Good knowledge of MS Word, MS Excel, MS Power Point and other related software.
   Experience:
   Ten years of experience in academic non-academic organization with knowledge of computer operation and general office procedures.

The candidates may visit Institute website:
http://www.igidr.ac.in/careers/ for general terms and conditions and downloading the application form. Candidates who have appeared for the interview in response to our earlier advertisement need not apply again. Last date: 21st May, 2021.

SHRI LAL BAHADUR SHASTRI NATIONAL SANSKRIT UNIVERSITY

(Deemed to be University)

2-A, Gulabi Institutional Area, New Delhi-110016
Tel: 011-46095503/05/867 Fax: 011-46095506 Website: www.slsusv.ac.in

E.No.: F3/Education/Entrance Test/2021-22
Date: 19.04.2021

ADMISSION NOTICE-2021-22

As per the norms of NCETE/UGC for admission in Shriya Shastri (B.Ed) Shriya Acharya (M.Ed) & Vedavyashvi (Ph.D) courses Entrance test will be conducted on 01/06/2021 in different parts of India by Shri Lal Bahadur Shastri National Sanskrit University, New Delhi. For appearing in Entrance Test, only online applications are invited from 08.06.2021 to 20.06.2021. Eligibility criteria for Entrance Test is as under:

SSET (B.Ed) Eligibility
1. Allot 50% marks or equivalent grade in Shriya Shastri/B.Ed. (Sankeet) Shriya Acharya/ M.A. (Sankeet)
2. Those who are appearing for qualifying examination can also apply.
3. Minimum age-20 years as on 01-06-2021

SATC (M.Ed) Eligibility
1. Allot 50% marks or equivalent grade in Shriya Shastri/B.Ed. (Sankeet) Shriya Acharya/ M.A. (Sankeet)
2. Those who are appearing for qualifying examination can also apply.
3. Minimum age-22 years as on 01-06-2021

VSET (Ph.D) Eligibility
1. (A) At least 55% marks or equivalent grade in Shriya Shastri/B.Ed. (Sankeet) Shriya Acharya/ M.A. (Sankeet) and at least 55% marks or equivalent grade in Shriya Shastri/M.Ed. (For Ph.D. in Education).
2. Those who are appearing for qualifying examination can also apply.
3. Entrance Test is compulsory for those candidates who have cleared UGCNET/SET in Education/Sanskrit.

Notes: Relaxation of 5% marks to SC/ST/OBC/other disable candidates. For Economically Weaker Section (EWS), Reservation reservation policy of Govt. of India will be followed.

Entrance Exam Guidelines 2021 will be available on University website. For more details kindly visit University website: www.slsusv.ac.in

Shri Vishwakarma Skill University

(State University enacted under the Government of Haryana Act 25, 2016)

Advt. No. SVSU/2021/Edt/ 7096
Date: 23/04/2021

Vacancy Notice for Dean and Dy. Librarian

The University invites online applications on the prescribed application form, available on the University website i.e. www.svsu.ac.in from the eligible candidates for appointment to the post of Dean on Deputation/Contract & Deputy Librarian on regular basis. The last date for receiving duly filled applications, along with enclosures is 21st May, 2021 (05:30 PM).

For detailed terms & conditions along with prescribed qualifications, eligibility criteria and selection criteria, visit the University website www.svsu.ac.in

EN 6/6

Registrar

Follow us on twitter @PMO_India
Military Engineering Services
Headquarters Chief Engineer
Pune Zone, Daikshin Kaman Marg, Pune 411001
Amended Advertisement
(Earlier published on 27 Feb 2021)

1. Applications are invited in the prescribed format for permanent appointment to the posts of Draughtsman (D'Man) & Supervisor. 79 posts in the MEG Department under the aegis of Ministry of Defence (GoI), for all India placements.

2. Total No. of vacancies of D'Man and Supervisor to be read as under:-

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name of the post</th>
<th>No. of vacancies</th>
<th>Qualification</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a)</td>
<td>D'Man</td>
<td>114</td>
<td>As per detailed Advertisement</td>
</tr>
<tr>
<td>(b)</td>
<td>Supervisor B/S</td>
<td>458</td>
<td>As per detailed Advertisement</td>
</tr>
</tbody>
</table>

3. Last date for submission of online application has been extended upto 17 May 2021 (Time 23.59 hrs)

4. For distribution of vacancies with reservation and other details please visit MEG website i.e. www.mes.gov.in

Detailed Advt. has already been published in Employment News w.e.f. 27 Mar. 2021. EN 6/31

RECRUITMENT OF SECURITY OFFICER
(Advt. No. REC 01/2021)

CSIR-CFTI invites online application from Indian citizens for filling up one post of Security Officer in Level-7 of pay matrix.

Interested candidates may please visit CFTI official website https://www.cftirs.in under Recruitment. All further announcements/details pertaining to this process/updates/corrigendum/addendum/etc. will be provided only on CFTI website from time to time.

Commencement Date: 03.05.2021, 10:00 AM
Closing Date: 03.06.2021, 05:00 PM

Controller of Administration

R.B: The vacancies may likely to increase or decrease at the time of selection.

CSIR-Institute of Minerals and Materials Technology, Bhubaneswar

Applications are invited from bonafide Indian nationals for filling up the following posts:-

<table>
<thead>
<tr>
<th>Name of Post</th>
<th>No. of Posts at Given Location</th>
<th>Pay Level/Pay Scale</th>
<th>Upper Age Limit not exceeding (as on the last date)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jr. Secretarial Assistant (I)</td>
<td>[UR-01, SC-01, ST-01, EWS-01]</td>
<td>2 Rs.</td>
<td>19000-63200</td>
</tr>
<tr>
<td>Jr. Secretarial Assistant (F&amp;A)</td>
<td>UR-02</td>
<td>2 Rs.</td>
<td>19000-63200</td>
</tr>
<tr>
<td>Jr. Secretarial Assistant (B &amp; A)</td>
<td>UR-02</td>
<td>2 Rs.</td>
<td>19000-63200</td>
</tr>
<tr>
<td>Stenographer</td>
<td>UR-02</td>
<td>4 Rs.</td>
<td>25000-81000</td>
</tr>
</tbody>
</table>

R.B: The vacancies may likely to increase or decrease at the time of selection.

EQ: 16+2(x) or its equivalent and proficiency in computer typing speed (English - 35 w.p.m.) and in using computer as per prescribed norms fixed by DoPT from time to time.

For further details regarding essential qualification, upper age limit, job requirement, terms and conditions and instructions, candidates must refer to the detailed advertisement which will be available on the institute website from time to time. The online application will remain active on CSIR-CFTI Website from 23.05.2021 to 21.06.2021 till 05:00 PM. Interested candidates may visit http://www.cftirs.in and apply through online web in advance to avoid last minute rush and submit the hard copy within the stipulated period.
National Institute of Social Defence
(An Autonomous Body under the Ministry of Social Justice & Empowerment)
Government of India
Plot No. G-2, Dwarka, Sector-10
New Delhi-110075

ADMISSION NOTICE
(One Year Post Graduation Diploma in Integrated Geriatric Care)

Applications are invited for the admission of One Year PG Diploma in Integrated Geriatric Care at New Delhi, being jointly offered by National Institute of Social Defence (NISD) and Tata Institute of Social Sciences (TISS), at Delhi and Mumbai during 2020-21.

Eligibility Criteria:
a) Educational Qualification:
   Essential: Bachelor’s Degree in Social Sciences (Sociology, Social Work/Social Welfare, Anthropology, Psychology), Nursing, Home Science and related fields or equivalent from a recognized University or Institute.
   Desirable: Preference will be given to the candidates having clinical experience/ training of working in Age Care Organizations.

b) Age Limit: Minimum 21-45 years (as on date of advertisement) for those above the age of 45 years are invited to audit courses of their choice on a nominal payment per course. A maximum of three courses can be audited. An audit certificate will be issued.

c) No. of seats & Selection Criteria: There are 30 seats and selection will be made on the basis of percentage of marks obtained in Bachelor’s degree and interview.

Application form and Prospectus is available on NISD website: www.nisd.gov.in and can also be collected personally from Senior Citizen Division, NISD from 10:00 a.m. to 5:00 p.m. on all working days. The last date for submission of the filled application form will be within 15th May, 2021. The programme will commence from June 2021.

For more details may visit the website: www.nisd.gov.in or Office: National Institute of Social Defence, Plot No. G-2, Dwarka, Sector-10, New Delhi-110075; Ph: 511 23859395/61 20859989.

Director, NISD

National Institute of Electronics & Information Technology, Aurangabad

Skill Development of Youths in Area of IECT

NIELIT Aurangabad invites application for skill development of youths in area of IECT leading to enhancement in employability for the following short-term online certificate courses:

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Eligibility</th>
<th>Duration</th>
<th>Fees including GST</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certificate in Web Designing</td>
<td>As per the NISF</td>
<td>80 Hrs.</td>
<td>1500/-</td>
</tr>
<tr>
<td>Advanced Diploma in Big Data Analytics</td>
<td>As per the NISF</td>
<td>120 Hrs.</td>
<td>2000/-</td>
</tr>
<tr>
<td>Certificate in Android App Development</td>
<td>As per the NISF</td>
<td>100 Hrs.</td>
<td>2000/-</td>
</tr>
<tr>
<td>Certificate in VLSI Design</td>
<td>As per the NISF</td>
<td>80 Hrs.</td>
<td>500/-</td>
</tr>
<tr>
<td>Certificate in Designing Gripper System for Home</td>
<td>Diploma in Electronics Engineering</td>
<td>100 Hrs.</td>
<td>2000/-</td>
</tr>
</tbody>
</table>

For SC/ST candidates course fee is free for 5 No. 1,2,3 & 5 course.

For more details visit our Website: http://www.nielit.gov.in/aurangabad
For SC/ST candidates courses is free for 5 No. 1,2,3,5 course.

Indian Maritime University
(A Central University under Ministry of Ports, Shipping and Waterways, Government of India)
Established by an Act of Parliament in 2008

Advt. No. IMU-HQ/R/13/19/5/2020-21-Tet(R)

Advertisement for Recruitment of Campus Directors (on Direct Recruitment/Deputation)

The Indian Maritime University seeks to recruit suitable persons for the post of Campus Director located at Mumbai Port and Naval Harbour. The Campus Director is the academic-cum-administrative head of the Campus. Apart from day-to-day administration and overall management of the Campus, the Campus Director is expected to:

a) Provide leadership for long term development of the Campus in line with the Maritime India Vision 2030 and the vision of the University and NEP-2020.

b) Contribute to create a thriving learning environment for students, faculty and staff.

c) Strengthen academic and research activities in the Campus/University.

d) Build and nurture alliances and partnerships with alumni and stakeholders in the maritime sector to enhance the academic standing of the University.

Interested Indian nationals may apply in the prescribed form which can be downloaded from the link available at www.imu.edu.in.

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of the No. of Posts</th>
<th>Category</th>
<th>Total No. of Posts</th>
<th>Pay Level and Likely Place of Posting</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Campus Director</td>
<td>UR-W</td>
<td>2</td>
<td>Level-14 (Academic) under 7th CPC plus Special Allowance of Rs. 75/- per month.</td>
</tr>
</tbody>
</table>

Even though initially appointed to a particular Campus, the Campus Director shall be liable (or transfer to any other Campus and to any equivalent post in IMU headquarters.

For Direct Recruitment, the age of superannuation shall be 65 years.

Age limit for Direct Recruitment/Deputation: Not exceeding 62 years as on the date of application in Employment News.

For detailed eligibility criteria such as Age, Educational Qualifications, Experience, etc., please visit www.imu.edu.in.

The vacancies stated above are tentative and subject to change. IMU reserves the right to fill up any of the posts advertised (or) cancel the recruitment at any stage.

Candidates are requested to submit the Application form duly filled in to “The Registrar (Ac), Indian Maritime University, Headquarter, East Coast Road, Chennai-600016” or to reach within 45 days from the date of publication in Employment News.

REGISTRAR (Ac)
### VACANCIES:

<table>
<thead>
<tr>
<th>Circle</th>
<th>State/UT</th>
<th>Language*</th>
<th>Regular Vacancies</th>
<th>Backlog Vacancies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ahmedabad</td>
<td>Gujarat</td>
<td>Gujarati</td>
<td>SC 63 ST 125</td>
<td>Total 188</td>
</tr>
<tr>
<td>Bangalore</td>
<td>Karnataka</td>
<td>Kannada</td>
<td>SC 94 ST 28</td>
<td>Total 122</td>
</tr>
<tr>
<td>Bhopal</td>
<td>Madhya Pradesh</td>
<td>Hindi</td>
<td>SC 11 ST 15</td>
<td>Total 26</td>
</tr>
<tr>
<td>Bengal</td>
<td>West Bengal</td>
<td>Bengali/Nepali</td>
<td>SC 62 ST 13</td>
<td>Total 75</td>
</tr>
<tr>
<td></td>
<td>A&amp;N Islands</td>
<td>Hindi</td>
<td>SC 0 ST 1</td>
<td>Total 10</td>
</tr>
<tr>
<td></td>
<td>Sikkim</td>
<td>Nepali/English</td>
<td>SC 0 ST 2</td>
<td>Total 12</td>
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<tr>
<td>Bhubaneswar</td>
<td>Odisha</td>
<td>Oriya</td>
<td>SC 12 ST 10</td>
<td>Total 22</td>
</tr>
<tr>
<td>Chandigarh</td>
<td>Jammu &amp; Kashmir</td>
<td>Hindi/Hindi</td>
<td>SC 0 ST 1</td>
<td>Total 10</td>
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<tr>
<td></td>
<td>Ladakh</td>
<td>Ladakhi Hindi/ Dogri</td>
<td>SC 0 ST 2</td>
<td>Total 22</td>
</tr>
<tr>
<td></td>
<td>Himachal Pradesh</td>
<td>Hindi</td>
<td>SC 45 ST 7</td>
<td>Total 52</td>
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<tr>
<td></td>
<td>Chandigarh</td>
<td>Punjabi/Hindi</td>
<td>SC 2 ST 0</td>
<td>Total 2</td>
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<tr>
<td></td>
<td>Punjab</td>
<td>Hindi</td>
<td>SC 60 ST 9</td>
<td>Total 69</td>
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<tr>
<td>Chennai</td>
<td>Tamil Nadu</td>
<td>Tamil</td>
<td>SC 89 ST 4</td>
<td>Total 93</td>
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<td></td>
<td>Pondicherry</td>
<td>Tamil</td>
<td>SC 0 ST 0</td>
<td>Total 0</td>
</tr>
<tr>
<td>Delhi</td>
<td>Delhi</td>
<td>Hindi</td>
<td>SC 12 ST 2</td>
<td>Total 14</td>
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<tr>
<td></td>
<td>Uttarakhandh</td>
<td>Hindi</td>
<td>SC 12 ST 2</td>
<td>Total 14</td>
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<tr>
<td>Delhi</td>
<td>Haryana</td>
<td>Hindi/Punjabi</td>
<td>SC 20 ST 2</td>
<td>Total 22</td>
</tr>
<tr>
<td></td>
<td>Chandigarh</td>
<td>Hindi/Punjabi</td>
<td>SC 0 ST 1</td>
<td>Total 1</td>
</tr>
<tr>
<td>Hyderabad</td>
<td>Telangana</td>
<td>Telugu/Telugu</td>
<td>SC 44 ST 3</td>
<td>Total 47</td>
</tr>
<tr>
<td>Jaipur</td>
<td>Rajasthan</td>
<td>Hindi</td>
<td>SC 20 ST 2</td>
<td>Total 22</td>
</tr>
<tr>
<td>Kerala</td>
<td>Kerala</td>
<td>Malayalam</td>
<td>SC 9 ST 0</td>
<td>Total 9</td>
</tr>
<tr>
<td></td>
<td>Ladakh</td>
<td>Hindi</td>
<td>SC 0 ST 1</td>
<td>Total 1</td>
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<tr>
<td>Lucknow/Delhi</td>
<td>Uttar Pradesh</td>
<td>Hindi/Urdu</td>
<td>SC 73 ST 3</td>
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<tr>
<td>Maharashtra-Mumbai Metropolitan</td>
<td>Maharashtra</td>
<td>Marathi</td>
<td>SC 63 ST 56</td>
<td>Total 119</td>
</tr>
<tr>
<td>Maharashtra</td>
<td>Goa</td>
<td>Konkani</td>
<td>SC 0 ST 1</td>
<td>Total 1</td>
</tr>
<tr>
<td></td>
<td>Assam</td>
<td>Assamese/Bengali</td>
<td>SC 10 ST 17</td>
<td>Total 27</td>
</tr>
<tr>
<td></td>
<td>Assam</td>
<td>English</td>
<td>SC 0 ST 6</td>
<td>Total 6</td>
</tr>
<tr>
<td></td>
<td>Manipur</td>
<td>Manipuri</td>
<td>SC 0 ST 0</td>
<td>Total 0</td>
</tr>
<tr>
<td>North-Eastern</td>
<td>Meghalaya</td>
<td>English/Garo/Khasi</td>
<td>SC 6 ST 0</td>
<td>Total 6</td>
</tr>
<tr>
<td></td>
<td>Mizo</td>
<td>Naga</td>
<td>SC 0 ST 0</td>
<td>Total 0</td>
</tr>
<tr>
<td></td>
<td>Nagaland</td>
<td>English</td>
<td>SC 0 ST 4</td>
<td>Total 4</td>
</tr>
<tr>
<td></td>
<td>Tripura</td>
<td>Bengali/Kokborok</td>
<td>SC 3 ST 5</td>
<td>Total 8</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td>722 423 1181 469 2169 4915 59 49 49 39 468 205</td>
<td>14 83 24 121 4 2 75 15 96 136 107 237</td>
</tr>
</tbody>
</table>

---

*Candidates apply only for vacancies in the State/UT for which they are eligible.*

---

*Preliminary Examination will be conducted tentatively in the month of June 2021 and Main Examination will be conducted tentatively on July 31st, 2021.*

---

*Details at https://bank.sbi.co.in/careers or https://www.sbi.co.in/careers for details and updates.*
## Special Recruitment Drive

<table>
<thead>
<tr>
<th>Circle</th>
<th>Special Area</th>
<th>Language*</th>
<th>Regular Vacancies</th>
<th>Backlog Vacancies</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Category Wise</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>PWD</td>
<td>XS</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>SC/ST/OBC/EWS</td>
<td>GEN</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Total</td>
<td>Total</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>LD</td>
<td>HI</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>XS</td>
<td>DXE</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Total</td>
<td></td>
</tr>
<tr>
<td>Chandigarh</td>
<td>Kashmir Valley</td>
<td>Urdu/Kashmiri/</td>
<td>3 4 10 4 19 40</td>
<td>1 0 0 0 1 0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dogri</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Leh &amp; Kargil</td>
<td>Urdu/Ladakhi/Dogri</td>
<td>1 1 4 1 8 15</td>
<td>0 0 0 0 1 0</td>
</tr>
<tr>
<td></td>
<td>Valley</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Dibang Valley,</td>
<td>English</td>
<td>0 4 0 1 5 10</td>
<td>0 0 0 0 1 0</td>
</tr>
<tr>
<td></td>
<td>Taiwng, etc.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>North Eastern</td>
<td>Tura</td>
<td>Garo</td>
<td>0 4 0 1 5 10</td>
<td>0 0 0 0 1 0</td>
</tr>
<tr>
<td></td>
<td>Mokokchung (A/Naga)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td></td>
<td>4 17 14 8 42 85</td>
<td>1 0 0 0 8 1</td>
</tr>
<tr>
<td>Grand Total</td>
<td></td>
<td></td>
<td>726 440 1105 488 2151 5000 59 40 30 148 206</td>
<td>14 14 23 12 4 2 75 16 26</td>
</tr>
</tbody>
</table>

*Candidate to opt for one language at the time of online application. @ Persons with benchmark disability under clauses (4) & (a) of section 34 of the rights of persons with Disabilities Act 2016.

**Abbreviations:** SC - Scheduled Caste, ST - Scheduled Tribe, OBC - Other Backward Classes, EWS - Economically Weaker Section, GEN - General Category, PWD - Person with Disability, LD - Lower Limb Disability, VI - Visually Impaired, HI - Hearing Impaired, e & a - Category e & a of the rights of persons with Disabilities Act 2016, XS - Ex-Servicemen, DXE - Disable Ex-Servicemen.

The reservation under various categories will be as per prevailing government guidelines.

### A. Eligibility Criteria:

#### (A) Age Limit (As on 01.04.2021):
Not below 20 years and not above 28 years as on 01.04.2021. i.e., candidates must have been born not earlier than 02.04.1993 and not later than 01.04.2001 (both days inclusive). Relaxation of upper age limit as per Government guidelines.

#### (B) Essential Academic Qualifications (As on 16.06.2021):
Graduation in any discipline from a recognized University or any equivalent qualification recognized as such by Central Government. Candidates having integrated dual degree (IDD) certificate should ensure that the date of passing the IDD is on or before 19.02.2021.

Those who are in the final year/semester of their graduation may also apply provisionally subject to the condition that, if provisionally selected, they will have to produce proof of having passed the graduation examination on or before 16.09.2021.

#### 2. Reservation for Persons with Disability (PWD):
4% horizontal reservation has been provided to Persons with Benchmark Disabilities as per section 34 of ‘Rights of Persons with Disabilities Act, 2016’. The post is identified suitable for the Persons with different categories of disabilities as defined in the Schedule of RPWD Act, 2016.

#### 3. Ex-Servicemen:
For complete details please refer to detailed advertisement on our Careers website.

#### 4. Selection Procedure:
The selection process will consist of online test (Phase-I: Preliminary Exam), a language test and a personal interview (Phase-II).

**Phase-I: Preliminary Examination:**
- Objective Tests for 100 marks will be conducted online. This test would be of 1-hour duration consisting of 3 sections as follows:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of Test</th>
<th>No. of Questions</th>
<th>Max. Marks</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>English Language</td>
<td>30</td>
<td>30</td>
<td>20 mins.</td>
</tr>
<tr>
<td>2</td>
<td>Numerical Ability</td>
<td>35</td>
<td>35</td>
<td>20 mins.</td>
</tr>
<tr>
<td>3</td>
<td>Reasoning Ability</td>
<td>35</td>
<td>35</td>
<td>20 mins.</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>100</td>
<td>100</td>
<td>1 hr.</td>
</tr>
</tbody>
</table>

Each test will have a separate timing as mentioned above. No minimum qualifying marks are prescribed for individual test CR for aggregate score.

**Phase-II: Main Examination:**
- The structure of online Main Exam would be as follows:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of Test</th>
<th>No. of Questions</th>
<th>Max. Marks</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>General Financial Awareness</td>
<td>50</td>
<td>50</td>
<td>35 mins.</td>
</tr>
<tr>
<td>2</td>
<td>General English</td>
<td>40</td>
<td>40</td>
<td>35 mins.</td>
</tr>
<tr>
<td>3</td>
<td>Quantitative Aptitude</td>
<td>50</td>
<td>50</td>
<td>45 mins.</td>
</tr>
<tr>
<td>4</td>
<td>Reasoning Ability &amp; Computer Aptitude</td>
<td>50</td>
<td>60</td>
<td>45 mins.</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>160</td>
<td>210</td>
<td>2 Hr. 40 mins.</td>
</tr>
</tbody>
</table>

Each test will have a separate timing as mentioned above. The questions in objective tests, except for the test of General English, will be bilingual, i.e., English & Hindi.

Candidates are required to score a minimum percentage marks on aggregate (for SC/ST/OBC/PWD/XS/DXS candidates, 5% relaxation available therein). Minimum qualifying marks on aggregate will be decided by the bank. No minimum qualifying marks for individual test subject are prescribed.

For complete details please refer to detailed advertisement available on Bank’s Website: https://bank.sbi.co.in/careers or https://www.sbi.co.in/careers.

The Bank is not responsible for printing errors, if any.

**Mumbai, Date:** 27.04.2021

**GENERAL MANAGER (CRPD)**
Notice

Subject: Appointment of Director (Finance) for Energy Efficiency Services Limited

Applications are invited from eligible candidates for the post of Director (Finance) for Energy Efficiency Services Limited to be posted at the Corporate Office of EESL presently in New Delhi.

Title: Director (Finance)

**Description:** Regular

- **Age:** 35 years
- **Post Code:** F1
- **No of Posts:** 1
- **No of Posts & Reserved for:** CWSN
- **Pay & Allowances:** Level-10 of Pay Matrix (Rs.50,000 - Rs.1,10,000)
- **Age Limit:** Up to 32 years
- **Qualification:** Essential: Master's Degree in Engineering in the field of Computer Science, Information Technology, or Electronics.
- **Selection Process:** Shortlisting followed by Personal Interview.
- **Qualification:** Essential: A Master's Degree in Engineering in the field of Computer Science, Information Technology, or Electronics.
- **Selection Process:** Shortlisting followed by a Personal Interview.

** Minimum Post qualification experience:**
- Experience in the field of Computer Science, Information Technology, or Electronics is required.

**Salary Structure:** Base Pay + DA + Allowances

- **Mode of Submissions of Application:** Online

**Last date for Online Registration and submission of applications:** 30.06.2021

For more information, please visit https://webiste.egov.rajasthan.gov.in

Creating an Efficient World

Indian National Centre for Ocean Information Services (INCOS)

(An autonomous body under Ministry of Earth Sciences (MoES), Govt. of India)

Hyderabad

Applications are invited from the eligible candidates for filling up the following Regular Position on Direct Recruitment at Indian National Centre for Ocean Information Services (INCOS), Hyderabad, an autonomous body under Ministry of Earth Sciences, Govt. of India:

<table>
<thead>
<tr>
<th>Post Code</th>
<th>Name of the Post</th>
<th>No of Posts &amp; Reserved for</th>
<th>Pay &amp; Allowances</th>
<th>Age Limit (as on date of application)</th>
</tr>
</thead>
<tbody>
<tr>
<td>F1</td>
<td>Scientist - B</td>
<td>CWSN</td>
<td>Level-10 of Pay Matrix (Rs.50,000 - Rs.1,10,000)</td>
<td>35 yrs</td>
</tr>
</tbody>
</table>

Further details about the position, eligibility, academic qualifications, responsibilities, experience, application procedure, and other general conditions are available at INCOS website www.incos.gov.in under ‘Vacancies’.

Closing Date: The last date of submission of online application is 10th June 2021 by 05:00 PM.

Director, INCOS

Adv. No. INCOS/RMT/01/2021

All India Institute of Medical Sciences, Gorakhpur

(Affiliated to Dr. Ram Manohar Lohia Medical College, Gorakhpur, University of Gorakhpur, U.P.)

(An autonomous organization under the Ministry of Health & Family Welfare, Govt. of India)

Ref. No. AIMS/GKPF/RECT/2021/1

Recruitment Notification

ADVERTISEMENT FOR RECRUITMENT TO THE POST OF FACULTY (GROUP “A”) ON DIRECT RECRUITMENT BASIS IN VARIOUS DEPARTMENT OF AIMS GORAKHPUR

Applications are invited from Indian National persons registered under Overseas Citizen’s Act, 1990 for the following faculty posts on Direct Recruitment Basis. The number of faculty posts under various categories is as per details given below:

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Name of Post</th>
<th>Level As per 7th CPC</th>
<th>Total Number of Vacancies</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Professor</td>
<td>14-A</td>
<td>30</td>
</tr>
<tr>
<td>2.</td>
<td>Additional Professor</td>
<td>13-A2</td>
<td>22</td>
</tr>
<tr>
<td>3.</td>
<td>Associate Professor</td>
<td>13-A1</td>
<td>20</td>
</tr>
<tr>
<td>4.</td>
<td>Assistant Professor</td>
<td>12</td>
<td>46</td>
</tr>
</tbody>
</table>

Total 127

For more information, please visit the institute's website www.aims.gorakhpur.edu.in.
Indian Institute of Management Shillong invites applications for the following Non-Teaching Posts:

**Name of the Post:** Audit Officer (on Contract)

**Tenure:** On Contract for a period of 1 year initially and to be reviewed annually

**Category:** Un-Relaxed

**Scale of Pay:** Level-11: Initial Basic Pay Rs. 67,700/-

**Qualification:** Associate Member of Institute of Chartered Accountants of India (ICAI) or Professional Accountant (PA) or Level-6A (Level-5, ICAI) or Level-9A (Level-8, ICAI) or Level-10 (Level-9, ICAI) or qualified in Audit in Govt./PSU/Autonomous Bodies or equivalent in Industry.

**Experience:** 7 years experience in an Institute of Repute Govt. of India Autonomous Bodies/PSU/Level-6A or Level-9A or Level-10 (Level-9, ICAI) or equivalent in Industry.

**Age Limit:** 45 years as on the last date of publication of the Advertisement.

The last date for submission of online Application is 15 May 2021.

For further details please visit our website: www.iimsyllong.ac.in

---

**ECONOMIC SURVEY 2020-21**

**Price:** Rs. 595/- (Full Set - Vol. 1 & 2)

An in-depth review of economic development in India giving detailed statistical data of all the sectors - industrial, agricultural, manufacturing among others.

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Website: www.publicationsdivision.nic.in

---

**Indian Institute of Management Amritsar**

**Punjab Institute of Technology Building, Inside Govt. Polytechnic Campus, Polytechnic Road, P.O. Chithara, G.T. Road, Amritsar (Punjab) - 143105**

**NON-TEACHING POSITIONS**

Indian Institute of Management (IIM) Amritsar invites online applications from eligible Indian citizens for the following position:

<table>
<thead>
<tr>
<th>Sr. No</th>
<th>Position</th>
<th>No. of post</th>
<th>Classification</th>
<th>Qualification</th>
<th>Particulars of Pay</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>HR Supervisor and Coordinator (Director’s Office)</td>
<td>1 (UR)</td>
<td>Regular or Contractual</td>
<td>An MBA preferably with a specialization in Finance and/or HR Management with at least 60% aggregate marks</td>
<td>Pay Level - 9 as per 7th CPC (Basic, HRA, DA, TA, and OA on TA) and other eligible benefits as approved by the board from time to time.</td>
</tr>
</tbody>
</table>

The last date for the submission of online applications is 28th May 2021. For further updates, please visit our website: www.iimamritsar.ac.in
Balmer Laurie invite applications from professionals for the following posts:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>SBU / Function</th>
<th>Position</th>
<th>Grade (Pay Scale)</th>
<th>No. of Posts</th>
<th>Minimum Qualification (only UGC/AICTE / Govt. of India / State Govt. approved Institutes / Universities)</th>
<th>Max Age (yr)</th>
<th>Minimum Relevant Experience (yr)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td></td>
<td>Head (Operations)</td>
<td>E3 (70000 - 200000)</td>
<td>1 (One)</td>
<td>Full time regular Degree in Engineering OR 2 years full time regular Post Graduate Diploma in Management / MBA</td>
<td>40</td>
<td>11 Years</td>
</tr>
<tr>
<td>2.</td>
<td></td>
<td>Head (Marketing)</td>
<td>E3 (70000 - 200000)</td>
<td>1 (One)</td>
<td>Full time regular Degree in Engineering OR 2 years full time regular Post Graduate Diploma in Management / MBA</td>
<td>40</td>
<td>11 Years</td>
</tr>
<tr>
<td>3.</td>
<td></td>
<td>Assistant Manager (Marketing)</td>
<td>E3 (40000 - 140000)</td>
<td>1 (One)</td>
<td>Full time regular Degree in Engineering AND OR 2 years full time regular Post Graduate Diploma in Management / MBA</td>
<td>28</td>
<td>01 Year</td>
</tr>
<tr>
<td>4.</td>
<td></td>
<td>Deputy Manager (IT)</td>
<td>E3 (50000 - 160000)</td>
<td>1 (One)</td>
<td>Full time regular Degree in Engineering OR MBA</td>
<td>32</td>
<td>05 Years</td>
</tr>
<tr>
<td>5.</td>
<td></td>
<td>Assistant Manager (IT)</td>
<td>E3 (40000 - 140000)</td>
<td>1 (One)</td>
<td>Full time regular Degree in Engineering OR MBA</td>
<td>27</td>
<td>01 Year</td>
</tr>
<tr>
<td>6.</td>
<td></td>
<td>Assistant Manager (Manufacturing)</td>
<td>E3 (40000 - 140000)</td>
<td>1 (One)</td>
<td>Full time regular Degree in Engineering OR specialisation in Mechanical</td>
<td>27</td>
<td>01 Year</td>
</tr>
<tr>
<td>7.</td>
<td></td>
<td>Chief Engineer (IT)</td>
<td>E3 (60000 - 220000)</td>
<td>1 (One)</td>
<td>Full time regular degree in B.E / B. Tech. with a specialization in Computer Science / Information Technology / Electronics / Communication / Mechanical or NCA</td>
<td>42</td>
<td>13 Years</td>
</tr>
<tr>
<td>8.</td>
<td></td>
<td>Assistant Manager (HR)</td>
<td>E3 (60000 - 220000)</td>
<td>1 (One)</td>
<td>2 years full time regular Degree in Management / MBA WITH a specialization in HR / OR M. Sc. Industrial Psychology</td>
<td>27</td>
<td>01 Year</td>
</tr>
<tr>
<td>9.</td>
<td></td>
<td>Assistant Manager (Finance)</td>
<td>E3 (70000 - 200000)</td>
<td>1 (One)</td>
<td>2 years full time regular Degree in Management / MBA WITH a specialization in Finance / OR MBA</td>
<td>27</td>
<td>01 Year</td>
</tr>
</tbody>
</table>

* The cut-off date for minimum relevant experience & maximum age is 21.05.2021. All candidates who are eligible on the cut-off date may apply for the advertised positions. Candidates may be drawn against the remaining vacancies, if any, during the recruitment process for filling up the vacancies arising in futura as per the Recruitment Rules of the Company.

** This is only indicative. Final will be decided during the recruitment process by the Management.

*** The Company may choose to operate the positions in appropriate lower grades for applicants with lesser work experience. Refer web advertisement for details.

Person with Benchmark Disabilities (PwBD) are eligible to apply for all positions.

Note: Maximum age is relaxable by 5 years for SCs / STs & 3 years for OBCs (Non Creamy Layer). For PwBD candidates, age is relaxable by 10 years; 15 years for SCs / STs & 13 years for OBCs (Non Creamy Layer). For Ex-Servicemen & Commissioned Officers (including Emergency Commissioned Officers or Short Service Commissioned Officers), maximum age is relaxable by the length of military service increased by 3 years.

Reservation for SC, ST, OBC (Non-Creamy Layer), PwBD & Economically Weaker Sections will be as per Govt. of India Rules.

For details & to apply, log-on to Careers at www.balmerlaurie.com/pages/currentopening

Last Date for Submission of Online Applications: 21st May, 2021

EN/015

MSME TECHNOLOGY CENTRE DURG
MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES, GOVT. OF INDIA
Plot No: 20, Sector-B, Boral Industrial Growth Centre, Rasmada, Dist-Durg (C.G.)-491001

APPLICATION FOR AICTE APPROVED DIPLOMA COURSES 2021

Applications are invited in the prescribed format for admission to the following AICTE approved & CNTV affiliated Diploma courses for the academic session 2021-22.

**COU RSE** | **DURATION** | **INTAKE** | **MN QUALIFICATION** | **AGE**
---|---|---|---|---
DIPLOMA IN TOOL & DIE MAKING | 4 Years | 00 | 10th Std. with Science & Math from a recognized Board with 50% marks in both subjects, BE/ B. Tech. in Mechanical Engineering, ME/ M.Tech. in Mechanical Engineering | 15-19 Years as on 01/04/2021 (3 years relaxation for SCST candidates)
DIPLOMA IN MECHATRONICS | 2 Years | 00 | 10th Std. with Science & Math from a recognized Board with 50% marks in both subjects, BE/ B. Tech. in Mechanical Engineering, ME/ M.Tech. in Mechanical Engineering | 15-19 Years as on 01/04/2021 (3 years relaxation for SCST candidates)

Reservations as per SCST/OBC/Economically Weaker Sections are as per Govt. of India rules.

Application form can be downloaded from our website www.msmedurg.org under the link "AICTE Diploma Courses" or can be collected from Centres Admission Desk on any working day from 10:00 a.m. to 05:00 p.m.

**Modes of Selection & Payment of Application Fee**

- **Online**: Candidates can register their application form on the website www.msmedurg.org. The online application form can be downloaded on the website and paid through Net Banking, Debit Card, Credit Card, UPI,Paytm, etc. The form can be filled by following the instructions provided on the website. Pay the application fees through online banking for the respective category.

**Application fee details**

- **General Category**: Rs. 500/-
- **SC/ST/OBC**: Rs. 150/-
- **PwBD**: Rs. 150/-

**Note**: The above schedule and procedure may subject to C.O.R.A's approval before start of the academic course.

For any queries, contact: 9553839844/9803579747/9438081475

email: msmedurg@gmail.com
website: www.msmedurg.org

EMPIRE SOLUTIONS
CENTRE DURG shall arrange campus interview for students after completion of the course.
Q1. Consider the following statements:
1. In the first Lok Sabha, the single largest party in the opposition was the Swatantra Party.
2. In the Lok Sabha, a "Leader of the Opposition" was recognized for the first time in 1919.
3. In the Lok Sabha, if a party does not have a minimum of 35 members, its leader cannot be recognized as the leader of the opposition.

Q6. Which of the following is true with reference to the term "Meet of the House"?
(a) It is held only once in a year.
(b) It is held annually.
(c) It is called by the Speaker of the Lok Sabha.
(d) It is called by the leader of the opposition.

Q3. The following statement is true:
(a) The Hourly Digest of Mazzini, Garibaldi, Shivaji and Shriram is published on a regular basis.
(b) The Hourly Digest of Mazzini, Garibaldi, Shivaji and Shriram is published in a monthly basis.
(c) The Hourly Digest of Mazzini, Garibaldi, Shivaji and Shriram is published in a weekly basis.
(d) The Hourly Digest of Mazzini, Garibaldi, Shivaji and Shriram is published in a bi-monthly basis.

Q12. Consider the following statements:
1. The quality of reported edible oil is more than the domestic production of edible oil in the last five years.
2. The Government does not impose any customs duty on the reported edible oil as a special case.
3. Which of the statements given above is correct?
   (a) Only (1) and (2)
   (b) Only (1) and (3)
   (c) Only (2) and (3)
   (d) All (1), (2) and (3)

Q22. Consider the following pairs:
1. Tradition State
   - Changanacherry - Marthoma
d2. Thung Ba dance - Sikkim
   - Thung Ba dance - Sikkim
   - Thung Ba dance - Sikkim
   - Thung Ba dance - Sikkim

Q23. Consider the following statements:
2. The Food Safety and Standards Authority of India (FSSAI) is the charge of Director General of Health Services in the Ministry of Health and Family Welfare.
3. Which of the statements given above is correct?
   (a) Only (1)
   (b) Only (2)
   (c) Only (1) and (2)
   (d) All (1), (2) and (3)
1. In India, State Governments do not have the power to sanction non-coal mines.

2. Andhra Pradesh and Jharkhand do not have any jellyfishes.

3. Rajasthan has ten reserve forests.

What is the statement given above is false correct?
(a) 1 and 2
(b) 2 only
(c) 3 only
(d) Both 1 and 2

Q25. With reference to digital payments, consider the following statements:

1. BHIM app allows the user to transfer money to anyone with a UPI-enabled bank account.
2. While a chip pin debit card has four factors of authentication, BHIM app has only two factors of authentication.

Which of the statements given above is/are correct?
(a) Only 1
(b) Only 2
(c) Both 1 and 2
(d) Neither 1 nor 2

Q43. Consider the following statements:

1. The Speaker of the Lok Sabha shall vacate his/her office if he/she ceases to be a member of the House.
2. The Speaker of the House is appointed by the President.
3. The Speaker of the Lok Sabha automatically becomes a member of the House.

Which of the statements given above is/are correct?
(a) Only 1
(b) Only 2
(c) Both 1 and 2
(d) Neither 1 nor 2

Q45. Consider the following statements:

1. The money which is tendered in courts of law to defray the fees of legal cases
2. The money which a creditor is under consideration to accept in settlement of his claims
3. The money in circulation in a country

Which of the statements correctly describes the meaning of legal tender?
(a) Only 1 and 2
(b) 1, 2 and 3
(c) Only 1
(d) 1, 2 only

Q46. Which one of the following statements correctly explains the concept of 'Digital India'?
(a) A digital India is an outcome of the Digital India Project launched in 2015.
(b) The Digital India Project is an initiative to bring the government online.
(c) The Digital India Project is an initiative to reduce the cost of governance.
(d) The Digital India Project is an initiative to increase the ease of doing business.

Q47. Which of the following is/are incorrect?
(a) India is a member of the Convention on International Trade in Endangered Species (CITES).
(b) India is a member of the World Trade Organization (WTO).
(c) India is a member of the United Nations (UN).
(d) India is a member of the International Criminal Court (ICC).

Q48. Which one of the following statements is/are incorrect?
(a) The Digital India Project has been implemented in all states of India.
(b) The Digital India Project has been implemented in some states of India.
(c) The Digital India Project has been implemented in all districts of India.
(d) The Digital India Project has been implemented in some districts of India.

Q49. Consider the following statements:

1. Human capital formation is important for economic development.
2. Human capital formation can be measured by the level of education and skills.
3. Human capital formation is related to the level of income.

Which of the statements given above is/are correct?
(a) Only 1
(b) Only 2
(c) Both 1 and 2
(d) All 1, 2 and 3

Q50. Which one of the following statements is/are correct?
(a) The ETP (Environmental Technology Park) is a facility to promote environmentally friendly technologies.
(b) The ETP (Environmental Technology Park) is a facility to promote sustainable agriculture.
(c) The ETP (Environmental Technology Park) is a facility to promote renewable energy sources.
(d) The ETP (Environmental Technology Park) is a facility to promote energy efficiency.

Q51. After the Santhal Uprising was subdued, what was the measure taken by the colonial government?
(a) The territores called 'Santhal Pargana' were created.
(b) The territory of 'Santhal Pargana' was divided into smaller regions.
(c) The territory of 'Santhal Pargana' was merged with the neighboring states.
(d) The territory of 'Santhal Pargana' was given to the British government.
originated, they modified the early atmosphere of the Earth. Which of the statements given above are correct?
(a) 1 only
(b) 2 and 3 only
(c) 1 and 3 only
(d) None

16. Consider the following statements:
I. Light is emitted by gravity.
II. The Universe is constantly expanding.
III. Matter warps its surrounding space-time.
Which of the above is/are correct?
(a) I only
(b) II only
(c) III only
(d) None

Q5. The term ‘Venus-Cry, Petals and Eternal Blue’ is sometimes mentioned in the news recently. This term is related to
(a) Epiphanies
(b) Cryptocurrency
(c) Cyber attacks
(d) Mini satellites

Q50. With reference to the circumstances in Indian agriculture, the concept of ‘Conservation Agriculture’ assumes significance. Which of the following is/are correct under the Conservation Agriculture?
1. Avoiding the monoculture practices
2. Adopting minimum tillage
3. Avoiding the cultivation of plantation crops
4. Using crop residues to cover soil surface
5. Adopting spatial and temporal crop sequence/crop rotation
Select the correct answer using the code given below:
(a) 1 and 2 only
(b) 2 and 4 only
(c) 2, 3, 4 and 5
(d) 1, 2, 4 and 5

Q60. The term “sixth mass extinction/existence extinction” is often mentioned in the context of the discussion of
(a) Rare species (b) Alpaca Intelligence (c) Blockchain Cryptocurrency (d) Particle Physics

Q70. The staple community of people by the English East India Company from Bengal in the middle of the 16th century were
(a) Jute (b) Rice (c) Maize (d) Wheat

Q75. Which of the following statements is/are correct?
(a) 1 only
(b) 2 only
(c) 1 and 2 only
(d) None

Q85. With reference to agricultural policies, consider the following statements:
1. A high content of organic matter in soil drastically reduces its water holding capacity.
2. Soil does not play any role in the sulphur cycle.
3. Irrigation over a period of time can contribute to the salinization of some agricultural lands.
Which of the statements given above are correct?
(a) 1 only
(b) 2 and 3 only
(c) 1 and 3 only
(d) 1, 2 and 3

Q85. The Partnership for Action on Green Economy (PAGE), a UN mechanism to assist countries to translate greener and more inclusive economies, emerged at
(a) The Earth Summit on Sustainable Development 2002, Johannesburg
(b) The United Nations Conference on Sustainable Development 2012, Rio de Janeiro

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Q.35. Consider the following statements:
1. The Barren Island volcano is an active volcano located in the Indian territory.
2. The last time the Barren Island volcano erupted was in 1991 and it has remained inactive since then.
Which of the statements given above are correct?
(a) 1 only
(b) 2 only
(c) 1 and 2
(d) 1, 2, 3, 4 and 5

Q.36. Why is a plant called Prosopis jutta often mentioned in news?

Q.37. Consider the following pairs:
1. Reg,ana - Nigeria
2. Oromia - Ethiopia
Which of the pairs given above are correctly matched?
(a) 1 and 2 only
(b) 3 and 4 only
(c) 1 and 2 only
(d) 1, 2, 3, 4 and 5

Q.38. Consider the following pairs:
1. Port William - Aruba
2. Fort William - Arthur
Which of the pairs given above is correctly matched?
(a) 1 and 2 only
(b) 3 and 4 only
(c) 1 and 2 only
(d) 1, 2, 3, 4 and 5

Q.39. Which of the following is not a state in India?
(a) Jharkhand
(b) Nagaland
(c) Haryana
(d) Akhand Pradesh

Q.40. Which of the above diseases is caused by a fungus?
(a) Cholera
(b) Tuberculosis
(c) Syphilis
(d) Malaria

Q.41. Which of the statements given above are correct?
(a) 1 only
(b) 2 only
(c) 1 and 2
(d) 1, 2, 3, 4 and 5
EMERGING OPPORTUNITIES IN BIG DATA ANALYTICS

Descriptive Analytics: Descriptive Analytics is the simplest form of data analytics. It looks for particular numbers based on the transactions of any nature. Take the example of a big departmental store selling variety of items. Customers coming to the store may be buying one, two or more items. For each customer, one bill is generated containing the name and quantity/weight of the item. By making use of these analytics, the store can find out what and how much of each item has been sold in a day. Weekly, monthly and yearly figures can also be derived. If the store is one with a chain, figures for all the units can be combined to get data for the entire chain. Such data is useful in making comparisons and for managing the supply chain. In a way, Descriptive Analytics is the basis for Predictive and Prescriptive Analytics.

Predictive Analytics: By looking at the descriptive analytics we can see how far big data analytics has come. Predictive Analytics is relative new and it is used to analyze the available data to predict for the future. Most importantly it provides insights as to what steps should be taken in order to achieve the goals and what can be the possible outcomes of taking different steps. Airlines industry is not in good shape now due to pandemic. However in normal times predictive analytics is extensively used in the industry to optimize their routes for maximum passenger demand, time taken for individual flights, dominant customer segment etc. An automobile manufacturing company making various models is extensively using predictive analytics to decide the number of units optimally to be produced to meet demand, to keep the inventory low and maximize profit.

Prescriptive Analytics: Predictive Analytics works by identifying patterns in recent data and then using statistics and other tools to make inferences which may be relevant for current or future setting. The analysts then attempt to fit the data into a certain pattern. If the data is following that pattern with some certainty, future happenings (sales, consumption, population growth, pass percentage etc.) can be predicted. Predictive Analytics can tell if a customer buys a certain product, what other products she is likely to buy together with that. Finding such relationships between products is called affinity analysis. Such analysis can also tell us which countries or particular segment of tourists are likely to visit when traveling to more than one country or which months a particular tourist place will have maximum tourists or what is the spending pattern of a particular segment of tourists.

The above ways of analytics are used in different disciplines of business and is possible to specialize in one or more of these. We are talking of Human Resource (HR) analytics, marketing analytics, financial analytics, digital media analytics etc.

Education: In last four years a number of courses in big data analytics have been introduced at different institutions. In some courses you are taught big data analytics as one of the subjects, in some this is an additional specialization. Some courses are exclusively devoted to the above. You can also find a course which is offered as a combination of big data analytics and some related subject such as machine learning. As big data analytics may sometimes be referred to as business analytics, data analytics or simply analytics.

Data analysis is taught both as a technical and managerial subject. So one may find courses like B.E., B.Tech, MBA with data analytics. In the same way there are courses like M.Tech in data analytics and MBA in business analytics or with similar nomenclature.

Course coverage: A data analytics course has topics like introduction to data and big data, data types and characteristics of data, data warehouse, database, data mining, classification of analytics, statistical methods, structured Query Language (SQL), business intelligence, information extraction, pattern recognition, natural language processing, data architecture, Hadoop, machine learning, correlation analysis, linear regression, decision tree, time series models, demand management, marketing etc.

Data analytics is tightly coupled on Hadoop which is a software framework for storing data and running applications on clusters of hardware. It provides massive storage for any kind of data, enormous processing power and the ability to handle large number of concurrent tasks or jobs. It is an open source program. Python is another extensively used tool.

Who needs? Indian Institute of Management, Kolkata, Indian Institute of Technology, Kanpur and Indian Statistical Institute Kolkata jointly offer a unique 2 years Postgraduate Diploma in Business Analytics in which each institute will focus on a separate area of Business Analytics and students will be attending the course at all the three institutes one by one.

Indian Institute of Science, Bengaluru conducts M.Tech in Computational and Data Science

Indian Statistical Institute offers one year Postgraduate Diploma in Statistical Computing and Analytics (Centre for Computer Centre) and Postgraduate Diploma in Statistical Methodologies and Applications (Tezpur centre)

IIIT, Bhilai & IITM in Data Sciences and Artificial Intelligence

IIIT, Delhi: Integrated M.Tech in Mathematics and Computing

IIT, Dharwad: M.Sc. in Mathematics and Computing

IIT, Guwahati: IITM, Palakkad: M.Tech in Data Science

IIT, Jodhpur: B.Tech (Artificial Intelligence and Data Science), M.Sc.: M.Tech. Dual Degree in Data and Computational Science

Indian School of Business, Hyderabad: Michal-Advanced Management Programme in Business Analytics

IITM, Ahmedabad: Post Graduate Diploma in Advanced Business Analytics

IIM, Indore – Integrated Programme in Business Analytics

IIM, Trichy – PG Certificate Programme in Business Analytics and Applications

IIM, Indore and IIM, Bhubaneswar: MBA (Business Analytics)

Rajiv Gandhi Institute of Petroleum Technology, Amethi, Uttar Pradesh: MBA (Business Analytics)

Centre for Development in Advanced Computing - Post Graduate Diploma in Big Data Analytics

Xavier Labour Relations Institute, Jabalpur: Post Graduate Certification in Business Analytics

IN, Bengaluru: Programme in Business Analytics and Intelligence

For working professionals International Institute of Information Technology, Bengaluru has an Executive Postgraduate Programme in Data Science.

The above is an Indicative list.

For an undergraduate course in data analytics, you need to have passed your 10+2 with science and maths subjects. For a postgraduate technical degree, you need to an engineering/technology graduate. Additionally, MBA may also be open to graduates from various disciplines. It may have uniform requirements for courses conducted by them, for some institutes admission eligibility norms differ which aspirants should check.

With qualifications like Bachelor/ Master of Computer Applications (BCA/MCA) also, one may plan to inter the world of data analytics with additional training.

There are free online courses dealing with data analysis. Though these may not lead you to an established job, at least it may give you some idea and an opportunity to check if the subject indeed interests you.

Many Indian universities and colleges have though introduced courses in data analytics, some of them may not have the required infrastructure or well equipped teaching professionals. So it is needed to be careful in choosing the institute and judging the course credentials.

Where big data analytics is used? Big data analytics is of use for every business and can be used in different industries to derive patterns from data for various purposes. Suppose a big information technology company is facing high rate of attrition. By analyzing the data of the employees included during exit interview who have left, the organization can among others, learn things like: average time spent before leaving, age group of the leaving persons, gender (male/ female), demographie (urban/rural) etc. based on patterns and then may take steps to the attrition rate. For instance if male employees, the organization may decide to hire more females. Another example can be of a bank with branches spread all over the country. By using analytics, the bank can see which segment of customers is generating highest profit for it (to formulate strategies to gain their loyalty) which products/service has lowest loss (either to improve it or discontinue it altogether) etc. These are basic and simple applications of analytics. Much deeper insights can be found out from big data analytics for transforming or overhauling business operations.

Who employs big data analytics professionals? Though big data analytics is of recent origin, it has found wider acceptability and professionals in high demand. As a practitioner of big data analytics, you may find opportunities in IT companies, telecom companies, hospitalty groups, (besides agencies), airlines, shipping companies, banking, finance and insurance (FSI), stock exchanges, broking houses, mutual funds, hospital ships, automobile companies, insurance companies, logistics companies, industrial houses, universities, fast moving consumer goods companies, entertainment industry (Television serials/production companies) etc.

As more and more educational institutes are launching courses in big data analytics, there are enough opportunities in teaching roles. However, to be attractive to employers, you need to have some practical exposure in real academic knowledge wouldn’t suffice.

Skill set required: Big data analytics is one of those specialized areas which requires a period of training and traits which includes ability to use the big picture and dealing with correlated data, analytical skills, rational thinking as well as critical thinking.

It is said that analytics can convert data to knowledge to wisdom. If you’re interested in this journey to wisdom big data analytics may be meant for you.

The author is a career counsellor. Binal Patel, ATD Career Perspectives

Views expressed are personal.
NATIONAL

- Govt allows import of 17 critical medical devices to provide relief to COVID patients

Government has expedited the process of import of critical medical devices amid the growing demand due to a COVID-19 pandemic situation in the country. In this connection, the Union Government has permitted importers to import 17 medical devices required to provide relief to COVID patients. Relief has been given to import and expedite custom clearance. Under the new provision the mandatory declarations will have to be furnished by the importers after speedy custom clearance. An order issued by the Department of Commerce will remain in force for three months. The permission has been granted for the import of defibrillators, oxygen concentrators, CPAP and BiPAP devices, in addition to other devices required for COVID treatment.

- Health Ministry issues revised guidelines for home isolation of mild and asymptomatic COVID-19 patients

The Union Health Ministry has issued revised guidelines for home isolation of mild and asymptomatic COVID-19 cases. As per the guidelines, for home isolation, the patient should be clinically assigned a mild or asymptomatic case by the treating medical officer and such cases should have an isolation facility at their residence for self-isolation and for quarantining the family contacts.

- Uttarakhand govt suspends Char Dham Yatra due to surge in COVID-19 cases

In Uttarakhand, Chief Minister Trivendra Singh Rawat has said that the Char Dham Yatra is cancelled due to surge in COVID cases. Talking to the media in Dehradun he said that the web portals of the four shrines will be opened at the scheduled time for pilgrimage but devotees will not be allowed to perform charan baree at shrines. Portals of Karni, Yamunotri, Kedarnath and Badrinath will open from 11th May.

- Forty countries come forward to provide medical assistance to India says, Ministry of External Affairs

The Ministry of External Affairs has said that 40 countries have come forward to provide assistance to India to fulfill the requirements of medical equipment and medicines in the country. Briefing the media in New Delhi, Foreign Secretary Harsh Shringla said, consignments containing medical equipment and medicines have started to arrive in India from various countries. He said the US has pledged to help the country in its fight against the pandemic.

- Ministry of Railways deploys nearly 4000 isolation coaches with almost 84000 beds

Striving to meet the challenges of the nation in the united fight against COVID, the Ministry of Railways has deployed nearly 4 thousand isolation coaches with almost 84 thousand beds. To work concurrently with the States and in a bid to reach out as swiftly as possible, the Railways has developed a centrally planned, centrally funded and centrally steered PPP model.

- Bharat Biotech reduces cost of COVAXIN from Rs. 600 to Rs. 400 for State govs

Bharat Biotech has reduced the cost of COVAXIN vaccine for State governments. It will now cost Rs. 400 per dose for State Governments, instead of the earlier announced price of Rs. 600 per dose. Bharat Biotech said that the decision has been taken recognizing the enormous challenges being faced by the public health care system.

INTERNATIONAL

- Covaxin found to neutralise 817 variant of coronavirus, says Dr Fauci

Covaxin, the home-grown COVID-19 vaccine, has been found to neutralise D.614 variant of the virus. This was stated by Prof. Anthony S. Fauci. The statement comes days after an Indian Council of Medical Research announcement that Covaxin is effective against the Double Mutant. Dr Fauci said despite the need for us to see in India, vaccination could be a very, very important antitode against or this. Dr Fauci had earlier said that India faces a massive surge in cases and this is where Covaxin will play a pivotal role.

- 19th India-France naval exercise "VARUNA-2021" concluded


- US President Joe Biden proposes swapping new USD 1.8 trillion plan in his speech to joint session of Congress

President Joe Biden proposed a swiping new USD 1.8 trillion in a speech to a joint session of Congress, pleasing with Republican lawmakers to work with him on divisive issues and to meet the stiff competition posed by China. President Biden also made an impassioned plea to raise taxes on corporations and rich Americans to help pay for his USD 1.8 trillion "American Families Plan". He said, "It's time for corporate America and the wealthiest 1% of Americans to pay their fair share."

- PM holds telephonic conversation with Russian President Vladimir Putin over COVID-19 situation; Also reviews bilateral cooperation

Prime Minister Narendra Modi had a telephonic conversation with Russian President Vladimir Putin on April 28. In the conversation, the two leaders noted the ongoing cooperation between the two countries to fight the global pandemic. Pakistan has been closely following the COVID-19 situation in India. In a meeting on April 27, the two leaders discussed the situation and agreed to continue the bilateral cooperation.

- WHO unveils global immunization strategy to save 50 million lives by 2030

The World Health Organization (WHO) has launched a new global immunization strategy to save 50 million lives by 2030. The strategy aims to increase the number of people vaccinated against infectious diseases to 90% by 2030.

- US FDA & CDC lift pause on use of Johnson and Johnson's single-dose COVID vaccine

Last week, US Food and Drug Administration (FDA) and the Centers for Disease Control and Prevention (CDC) lifted the pause on the use of Johnson and Johnson's single-dose COVID-19 vaccine. The vaccine was temporarily stopped in the US due to blood clots in some cases. The FDA and CDC concluded that the benefits of the vaccine outweigh the risk of blood clots.

- Country's gold demand recovers during January to March period to witness a growth of 37 per cent

The world's largest consumer of gold, India, saw a recovery in gold demand during the January-March period, with a growth of 37 per cent, as compared to the same quarter of 2020, due to increased demand in the wake of COVID-19 and an increase in the price of gold.

- Sports

- Athletes to be tested daily for COVID-19 at Tokyo 2020 Olympics

Organisers of the Tokyo 2020 Olympics have made it clear that all athletes will be tested daily for COVID-19. This is to ensure that the Games can be held safely and without any major disruptions.

- World Youth Boxing Championships: Indian women boxers create history with seven gold medals

In the World Youth Boxing Championships, Indian women boxers made history by winning seven gold medals. All the women boxers - Bhawna Devi, Amrutha Radhakrishnan, Devendra, Sindhu汤, Sanjita Chanu and Afzal Pahan - performed brilliantly to win their respective title.

(Images: Courtesy Google)