

No. A-33022/10/2019-Trg.
भारत सरकार/Government of India
सांख्यिकी एवं कार्यक्रम कार्यान्वयन मंत्रालय
Ministry of Statistics & Programme Implementation
प्रशिक्षण इकाई/Training Unit

खुर्शीद लाल भवन, जनपथ, नई दिल्ली
Khurshid Lal Bhawan, Janpath, New Delhi
दिनांक/dated: 22nd April, 2022

VACANCY CIRCULAR FOR THE POSTS OF YOUNG PROFESSIONAL (YPs)

The Ministry of Statistics & Programme Implementation (MoSPI) invites applications from willing and eligible candidates for 29 **temporary and purely contractual positions** of Young Professionals (YPs) in different categories. **Engagement of YPs will be for an initial period of one year.** Terms and Conditions of engagement and other relevant information is given in annexed advertisement. The number of YPs to be hired is indicative and can vary.

- Interested and eligible candidates are requested to apply for different positions of YPs by submitting online applications at the link <http://training.mospi.gov.in>. **Last date for submission of the application is 17th May, 2022 (Tuesday) till 06:00 PM only.**
- Candidates would be required to furnish original documents for verification before the selection process/interview. In absence of original documents and if any of the information furnished in the application is found to be false at any stage, candidature would be cancelled.
- The Ministry reserves right to reject any application without assigning any reason for it and also revise the number of vacancies and Terms and Conditions of engagement of YPs.


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To

- DIID for uploading on Ministry's website
- NIC-MoSPI for uploading on ORS Portal

Copy for information to:

- PPS to CSI-cum-Secretary (S&PI)
- PPS to DG (C&A)/DG(Statistics)/DG(NSS)
- PPS to ADG (Trg.).
- PPS to ADGs of the Divisions where YPs will be deployed

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विज्ञापन/ADVERTISEMENT

Ministry of Statistics & Programme Implementation (MoSPI) is looking for engaging a pool of 29 talented Young Professionals (YPs) from disciplines of Statistics/Applied Statistics, Mathematics, Operations Research, Economics, MBA/ Finance, Commerce, Integrated Law Graduates / LLB, B. Tech/BE/M. Tech in IT or equivalent/MCA, etc. from prestigious academic and professional institutes across the country, who have passion to perform statistical activities, statistical functions and data analytics along with knowledge in Information and Communication Technology (ICT) applications. The number of Young Professionals to be hired is indicative and can vary.

2. The YPs are to be hired for a specific job/project in the functional areas such as Big Data Analytics, Data Warehousing, Environmental Statistics, Sustainable Development Goals (SDGs), National Accounts, Survey Methodology, Demography, Forecasting Models, Data Sharing Protocols, Developing De-Duplication Algorithms, Web Scraping and legal issues, etc.

3. Position-wise number of vacancies & place of posting, essential & desirable qualifications and brief job description for each position of YPs is as under:

3.1 YP (IT) for Data Informatics and Innovation Division (DIID)

Number of Positions & Place of Posting	02 MoSPI Offices in Delhi
Essential Qualification	B.Tech / BE / MCA/ M.Tech in IT or equivalent
Desirable Qualification	Data Extraction, Transformation and Loading, Data Wrangling and Data Exploration, Machine Learning Algorithms, Advanced Machine Learning (Deep Learning), Big Data Processing Frameworks, AI and Block Chain Advanced knowledge of Python/ R/ Scala, Hadoop ecosystem and different frameworks inside it e.g.:- HDFS, YARN, MapReduce, Apache Pig, Hive, Flume, Sqoop, ZooKeeper, Oozie, Impala and Kafka, Apache Spark
Brief Job Description	(i) Assess the effectiveness and accuracy of new data sources (ii) Develop custom data models and algorithms to apply to data sets. (iii) Develop processes and tools to monitor and analyze model performance and data accuracy (iv) Using predictive modeling techniques using existing/ upcoming data sets with MoSPI and other Ministries/Departments (v) Identify valuable data sources outside the universe of official data (e.g.- e-commerce data or data from social media etc.) (vi) Undertake pre-processing of the datasets (vii) Analyze large amounts of information to discover trends and patterns (viii) Build predictive models using machine-learning algorithms

3.2 YP (IT) for Price Statistics Division (PSD)

Number of Positions & Place of Posting	02 MoSPI Offices in Delhi
Essential Qualification	B.Tech / BE / MCA/ M.Tech in IT or equivalent
Desirable Qualification	Hands-on knowledge on database handling, MS Office, Experience in .NET and database - MS SQL
Brief Job Description	<p>(i) Create ad-hoc reports and queries using the functionalities in the newly developed CPI portal under NIIP/NIC CPI 2.0 project, working on add-ons during the support phase of NIIP/NIC CPI 2.0; coding of items of Consumer Expenditure Survey (CES) synchronizing with Classification of Individual Consumption According to Purpose; exploring alternate methods of Base Revision of CPI</p> <p>(ii) Integration of ICP related activities with the new CPI portal under NIC /NIIP projects; exploring web-scraping as alternate source of CPI data; identifying items in the current CPI basket which have become obsolete and perform necessary analysis for Base Revision; conducting adhoc exercise of calculating rough shares of different items under a weighted item in the CPI basket</p>

3.3 YP (IT) for Economic Statistics Division (ESD)

Number of Positions & Place of Posting	01 MoSPI Offices in Delhi
Essential Qualification	B.Tech / BE / MCA/ M.Tech in IT or equivalent
Desirable Qualification	Expertise in using finance/economic sector data analysis tools and technologies with two years' of experience.
Brief Job Description	<p>(i) Designing and development of BI Reports, Dashboards & ETL mappings</p> <p>(ii) Reporting and data analytics to effectively track and monitor performance and take corrective actions</p> <p>(iii) Provide insights from the organization data using data/GIS analytics.</p> <p>(iv) Collection, storage and management of organization's metadata. Database schema creation and management, back-up recovery, data integrity.</p> <p>(v) Preparation of customized value-added statistical reports on establishments for cross sectional spatial analytics</p> <p>(vi) Coordination with key Ministries/Departments and suggest appropriate approach for developing SBR by integrating various establishment databases.</p>

3.4 YP (IT) for Data Quality Assurance Division (DQAD) and Field Operations Division (FOD)

Number of Positions & Place of Posting	02 01 in MoSPI Offices in Delhi 01 in MoSPI Offices in Kolkata
Essential Qualification	B.Tech / BE / MCA/ M.Tech in IT or equivalent
Desirable Qualification	Expertise in Visual studio, building mobile application development on Android/Windows, Knowledge of building Native and Cross-Platform apps in .NET and in Xamarin Forms C. Experience in handling large-scale/ bulk socio-economic data and expertise in big-data handling through software like python, R, C++ etc. Knowledge in cloud server management.
Brief Job Description	(i) Development and maintenance of CAPI for NSS surveys (ii) Addressing field related and data supervisor level issues on related to CAPI (iii) Cloud server management and any other work within the scope of engagement.

3.5 YP (Statistics) for Social Statistics Division (SSD)

Number of Positions & Place of Posting	02 MoSPI Offices in Delhi
Essential Qualification	Post Graduate degree in Statistics / Applied Statistics / Mathematics / Economics / Operations Research
Desirable Qualification	(i) Experience in the Social Statistics/SDGs field and experience in data handling (ii) Working experience of SPSS/STATA/SAS/ R, Python, DBMS, VBA and geospatial software like ArcGIS, QGIS etc. (iii) Experience in data analytics and proficiency in ICT applications
Brief Job Description Areas	(i) Examining data requirements for SDG indicators in National Indicator Framework as well as Global Indicators as per metadata approved by the Ministry. Preparation and presentation of data, troubleshoot issues in report generation, compilation, processing, cleaning and development of databases for national indicators and global indicators (ii) Review international accounts / datasets available to devise formats of tables in the Indian context for inclusion of additional indicators as required by SEEA EA, identifying data sources, preparing concept note for consultations with the concerned agencies for deciding on the inclusion of these additional indicators in the devised formats as required by SEEA EA, preparing metadata and methodological documents, as relevant, for the different indicators, developing procedures for data preparation and validation including data cleaning, standardization and analysis.

3.6 YP (Statistics) for Economic Statistics Division (ESD)

Number of Positions & Place of Posting	01 MoSPI Offices in Delhi
Essential Qualification	Masters in Statistics / Economics
Desirable Qualification	2 years' work experience in data analytics and proficiency in ICT applications.
Brief Job Description Areas	Base year revision of IIP, development of Energy Efficiency Indicator (EEI), implementation of recommendations of IRES in Energy Statistics database of India by NITI Aayog.

3.7 YP (Statistics) for Survey Design and Research Division (SDRD)

Number of Positions & Place of Posting	02 MoSPI Offices in Kolkata
Essential Qualification	Master's Degree in Statistics/ Economics/ Mathematics/ Finance/ Computer Application/MBA
Desirable Qualification	A minimum of two years' work experience in handling real life data. Preference will be given to candidate having published work. Candidates should have excellent working knowledge of information technology (IT) based skills and proficiency in using ICT applications in the related areas. They should also possess strong communication and interpersonal skills and be able to work in a team.
Brief Job Description Areas	To explore and analyze NSS data of various past surveys and explore the possibilities of application of different sampling designs, techniques of data collection, etc. to improvise the survey instruments in the forthcoming surveys of NSO.

3.8 YP (Statistics) for Data Quality Assurance Division (DQAD)

Number of Positions & Place of Posting	01 MoSPI Offices in Kolkata
Essential Qualification	Master's Degree in Statistics/ Computer Science
Desirable Qualification	Knowledge of Statistical package like SPSS, Visual studio, C etc. with minimum of three years' work experience
Brief Job Description Areas	(i) Validation, editing of post survey data through statistical packages along with software development based on algorithm provided by ISS officers. (ii) Table generation from unit level data.

3.9 YP (Statistics) for Policy Implementation and Monitoring Division (PIMD)

Number of Positions & Place of Posting	02 MoSPI Offices in Delhi
Essential Qualification	Master's degree in Statistics /Economics/ Mathematics/ MCA/ MBA/B Tech. (IT)
Desirable Qualification	(i) Post Qualification Experience of minimum one year. (ii) Knowledge of basic statistical concepts and ability to deal with large data sets with the help of analysis packages such as SPSS/ STATA/PYTHON/R. (iii) Proficiency in M.S. Office (Excel, Power Point and Word) (iv) Good soft skills including strong communication skills (written and oral)
Brief Job Description Areas	(i) Engaging in Data Analytics using data of MoSPI and other line Ministries and assisting in data driven policy decisions. (ii) Identifying data provisions in the functioning of the Ministry/Departments including their statutory provisions. (iii) Developing module for creating statistical awareness among producers and users regarding advanced techniques for data production, analysis and dissemination. (iv) Bringing in innovative approach to solve statistical problems faced by producers and users (v) Coordination with international agencies on statistical matters (vi) Coordination with Divisions of MoSPI and Statistical Advisers of Line Ministries for data integration into NIIP (vii) Developing concept notes, best practices and other soft materials. (viii) Any other relevant work.

3.10 YP (Statistics) for National Accounts Division (NAD)

Number of Positions & Place of Posting	01 MoSPI Offices in Delhi
Essential Qualification	Master Degree in Statistics/Economics
Desirable Qualification	Proficiency in using MS office and other ICT tools with 5 years' experience
Brief Job Description Areas	Preparation of Experimental Chain Based indices/ Preparation of NPISH accounts, Development of data entry interface /automation of production of estimates

3.11 YP (Statistics) for National Statistical Commission (NSC), National Statistical Systems Training Academy (NSSTA) and O/o Chief Statistician of India-cum-Secretary (S&PI)

Number of Positions & Place of Posting	07 04 in MoSPI Offices in Delhi 01 in MoSPI Office in Greater Noida, Uttar Pradesh 02 Anywhere in India
Essential Qualification	Master's degree in Statistics
Desirable Qualification	(i) Working experience of SPSS/STATA/SAS/ R, Python, (ii) Experience in data analytics and proficiency in ICT applications
Brief Job Description Areas	(i) Data Analytics using advanced techniques for data production, analysis and dissemination, bringing in innovative approach to solve statistical problems being encountered by different stakeholders and users. (ii) Providing guidance and support to ISS probationers in their project work with regard to data analysis, preparation and presentation of project report.

3.12 Young Professional (Project) for Infrastructure and Project Monitoring Division (IPMD)

Number of Positions & Place of Posting	02 MoSPI Offices in Delhi
Essential Qualification	Master's degree in Statistics/Economics/Mathematics
Desirable Qualification	One year experience in PIB Notes work or two years' experience in Project Management
Brief Job Description	Handling specialized works such as PIB Notes, Extended board for Railways, DPR, SFC, Study of Infrastructure Project, Analyzing Project Monitoring

3.13 Young Professional (National Accounts) for National Accounts Division (NAD)

Number of Positions & Place of Posting	01 MoSPI offices in New Delhi
Essential Qualification	Post Graduate degree in Commerce/ Economics
Desirable Qualification	Proficiency in using MS office and other ICT tools and 2 years of experience
Brief Job Description	(i) Analysis of Accounts of State Governments (ii) Analysis of PFMS Data for preparation of Government Sector accounts (iii) Transition to annual inclusion of Account of Autonomous Bodies (iv) Preparation of Financial Account from MCA data in consonance with other Accounts and examination of feasibility of producing Revaluation Accounts, Other Changes in Volume Accounts & Balance Sheets, Reviewing / establishing mapping required for different accounts and generation of accounts based on MCA database.

3.14 Young Professional (Legal) for Administration Division and Field Operations Division (FOD)

Number of Positions & Place of Posting	03 MoSPI Offices in Delhi
Essential Qualification	Integrated Law Graduates / LLB from a recognized university / institute
Desirable Qualification	(i) At least three years' Experience of working in handling legal issues (ii) knowledge of drafting legal petitions/replies (iii) Conversant with procedure to be followed in filing cases and follow up in Central Administrative Tribunal, High Courts and Supreme Court of India (iv) Well versed with CCS, IPC, CRPC, CPC, RTI rules. (v) Preference will be given to candidates having experience in working with Government
Brief Job Description	(i) Handling matters related to Court notices / Summons / Petitions etc. (ii) Preparing response to court notices/ summons/ petitions in consultation with the concerned Divisions (iii) Preparing draft affidavit and other inputs in consultation with Sections / Divisions concerned and Central Govt. Standing Counsels / Law Officers. (iv) Coordination with Central Govt. Standing Counsels to keep abreast of ongoing and current court cases (v) Maintain status report of all ongoing and current court cases and track of the dates of next hearing etc. to suitably alerts the officers concerned. (vi) Handle matters related to payment of professional fees to Central Govt. Standing Counsels / Law Officers as admissible. (vii) To undertakes all other activities for handling court cases / matters (viii) Any other work within the scope of engagement.

4 Terms and Conditions of engagement

Age limit	Candidates applying for Young Professionals should be below 35 years of age as on 01-07-2022.
Remuneration	Monthly consolidated remuneration for YPs is ₹60,000/-
Annual Increase	Annual increase of ₹5000/- in the remuneration may be granted subject to satisfactory performance and fulfilling other terms and conditions.
Entitlement of Allowances	These are consolidated emoluments and no other allowances viz. DA, Accommodation, Residential Phone, Conveyance /Transport, Personal Staff, Medical reimbursement, HRA and LTC etc. would be admissible
Admissibility of Travelling Allowance (TA)/Daily Allowance (DA)	TA/DA will not be admissible either for joining or on expiry of the contract or attending selection process etc. However, after selection/recruitment while travelling inside the country in connection with the assigned work during the period of the engagement, TA/DA would be allowed. YPs would be entitled for reimbursement of TA & DA as per entitlement of officers of level 10 in pay matrix of 7th CPC in Government of India.
Tax Deduction at source	Remuneration to YPs will be paid as professional services and Income Tax or any other tax liable to be deducted, as per the prevailing rules, will be deducted at source before effecting the payment, for which the MoSPI will issue TDS Certificates as applicable.
Period & Nature/scope of Engagement	YPs will be appointed purely on contractual basis for an initial period of one year which can be extended further for a maximum period of three years, one year in one stretch by the competent authority, depending on the performance

	and need of the concerned Division/Department. Brief job description mentioned against each of the position is indicative in nature and job role may change in accordance with need of the concerned Division.
Termination of Contract	The appointment of YPs will be temporary in nature and either party may terminate contract by giving one month's notice without assigning any reason for it.
Leave	YPs will be entitled for 12 days leave in a calendar year on pro-rata basis. Therefore, YPs shall not draw any remuneration for absence period beyond the entitled leave in a year. Un-availed leave in a calendar year will lapse and will not be carried forward to the next calendar year. A female YP would be entitled for maternity leave as per provisions contained in Maternity Benefit (Amendment) Act 2017 and communication No. S-36012/03/2015-SS-1 dated 12th April, 2017 issued by the Ministry of Labour & Employment.
Working hours	Normal working hours would be Monday to Friday as per stipulated office hours except designated holidays by Government of India. However, if work exigencies require, the YPs may be required to attend office on Saturdays, Sundays and designated holidays without any additional remuneration and allowances/compensation.
Confidentiality	YPs may not, except with the prior approval of competent authority in writing and in the bona-fide discharge of duties, publish a book or research paper or a compilation of articles or participate in a radio/TV broadcast or contribute an article or anonymously or pseudonymously in the name of any other person, if such book, article, broadcast, uses any information that he/she may gather as part of this assignment. During the period of engagement with MoSPI, the YPs would be subject to the provisions of the Indian Official Secret Act, 1923 and will not divulge any information gathered by his/her during the period of his/her engagement to anyone who is not authorized to know. The YPs engaged by the MoSPI shall in no case represent or give opinion or advice to others in any matter which is contrary to the stated position of Government of India. Any violation may lead to discontinuation of engagement.
Use of Name, Emblem or Official Seal of MoSPI	The YPs shall not advertise or otherwise make public for purposes of commercial advantage that he/she has a contractual relationship with MoSPI, nor shall the YPs, in any manner whatsoever, use the name, emblem or official seal of MoSPI, or any abbreviation on the name of MoSPI, in connection with its business or otherwise without the written permission of MoSPI.
Police Verification	Police verification of the selected YPs shall be done as per the latest instruction issued by MHA. In case negative police verification is received, the contract of YP shall cease to exist with immediate effect without any notice.
Pre-engagement Training/orientation	YPs are liable to undergo an orientation training of 5 days before joining by the concerned Divisions.
Revision of Terms& Conditions of Engagement	Notwithstanding any provision of this advertisement, where it is necessary to do so, the Ministry may revise any of Terms and Conditions of engagement of YPs.
Legal provision	All disputes are subject to Delhi jurisdiction only.