

THE REAL KASHMIR

The grand celebrations of annual Kheer Bhawani Mela in Kashmir, despite recent spurt in the targeted killings and a feeling of fear and insecurity prevailing among masses, shows that, despite various attempts made by the anti-national elements in the country, the people of Kashmir are still united and possess the same decades-old cultural and secular background, termed as Kashmiriyat in the Valley. Although this year, the celebration was held after a gap of two years as in 2020 and 2021, the religious function was cancelled due to COVID pandemic, but even this time, the gathering was quite limited most probably due to the recent terror incidents held in various parts of Kashmir wherein members of the minority communities and outsiders were particularly targeted by the terrorists. Moreover, looking at the emerging scenario, the Government has put in place adequate security arrangements for the visiting pilgrims so that no untoward incident may disrupt the religious proceedings in any way. Pertinent to mention here that located in shade of Chinar trees in Tulmulla village of Central Kashmir's Ganderbal district, the historic shrine of Maq Kheer Bhawani is considered pious and revered by the people in general and members of Kashmiri Pandit Community in particular and every year on Jyeshta Ashtami a huge congregation held here wherein the devotees offer rose petals and milk and Kheer in the holy water of the Shrine praying for their well-being. Before the mass-exodus of pandits from Valley in 1990, there used to be a grand function at the shrine attended by lakhs of pilgrims but with passage of time the number started reducing as several replicas of the shrine were constructed by Kashmiri Pandits in various other parts of J&K like Jammu. This year, giving a message of brotherhood and peace, a number of people from the Muslim community welcomed their Pandit brethren and actively assisted in smooth organization of the mela besides helping the administration in making other necessary arrangements. Although there are few elements in the Valley which for the sake of few pennies or some other reason, are following the instructions of enemies sitting across the border and trying to spoil the peaceful atmosphere but it is also a fact that majority people still want peace to prevail in Valley and are ready to live in a secular Kashmir where people of every religion get equal respect and care.

GRAND IYD CELEBRATIONS

The ruling Government has always adopted a mixed approach wherein, on one hand it has promoted the introduction of latest scientific advancements in every sector, and on the other hand, necessary efforts were also made to nurture the ancient traditions and customs, which remained ignored by the earlier Governments for the reasons better known to them. This hybrid approach of the Government has helped it a lot in accelerating the developmental pace besides ensuring the welfare of masses across the length and breadth of the country. It is only due to such pragmatic approach of the dispensation that at present the country has not only secured a respectable place in the international forum but is moving ahead to reach the pinnacles of unprecedented growth and development. Yoga is one such ancient heritage of the country, which few years back was almost ignored by the people as there were very few who used to practice this immortal technique for leading a disease-free life. Soon after coming into power, the Government initiated several landmark steps for promoting Yoga, not only in the country but also across the globe. It is only due to the appreciable efforts of the present Government led by Prime Minister Narendra Modi that at present, people not only of India but even from various foreign nations are regularly practicing Yoga to remain happy and healthy. Carrying forward its mission to take Yoga to every person, the Government has decided to celebrate this year's Yoga day in a different style. As per the reports, this year on International Yoga Day (IYD), which is celebrated on June 21, the Government has selected 76 iconic places across the country, where Prime Minister Narendra Modi along with his team of 75 Union Ministers, including Defence Minister, Home Minister and Finance Minister will lead IYD celebrations. As the Government has always accorded a special treatment to the Union Territories of Jammu & Kashmir and Ladakh, among the 76 selected places, five are from J&K and Ladakh including Suchetgarh in R S Pura sector along International Border with Pakistan in Jammu, Pangong Lake near Line of Actual Control (LAC) with China in Ladakh, Dal lake in Srinagar and Martand Sun temple in Anantnag wherein the grand celebrations of the day will be led by Union Ministers of the country.

Delighted You
Create, In Misery
You Destroy

Whenever a person lives in misery, he would like to destroy everything. Misery is destructive, happiness is creative. There is only one creativity and that is of blissfulness, cheerfulness, delight. When you are delighted you want to create something, maybe a toy for a child, a poem, a painting – something. But when you are miserable, you want to crush and destroy something, create some situation in which you can be destructive.

That's why every now and then war erupts somewhere on the earth. All politicians go on talking about peace. They prepare for war. In fact, they say, 'We are preparing for war to preserve peace.' Most irrational. To preserve peace, one should prepare for peace.

That's why all over the world, the new generation is a great danger to the establishment. They are only interested in being happy. They are interested in love, meditation, music, and dance. They are not communists and they don't belong to any 'ism'.

A happy person belongs to himself. Why should he belong to any organisation? That is the way of an unhappy person, to belong

Becoming Robotic Automation
Lead Design Specialist

■ DR ABHILASHA GAUR

In the current times Robotics has captured the imagination of the youth and many are interested in taking up a career in the field of robotics. One must ask the following questions before taking up a career in robotics. Does Robotics and Automation thrill you? You are not alone if you have considered a robotics and automation career but do not know where to start. Like you, many have marvelled at what robots can do on the factory floor, in the operating room, or even in outer space. Others have thought about the portrayal of robotics in science fiction and want to turn it into reality. Whatever your motive, you can start a career in robotics too. Learn the Basics. Even entry-level job seekers need to be able to understand sophisticated, complex systems. Start with the basics of electronics. Opportunely, you can learn a lot of the basics and advance skill with ESSCI - Electronics Sector Skills Council of India, a non-profit organisation, which works under the aegis of MSDE - Ministry of Skill Development and Entrepreneurship.

What is Robotics? Robotics is an interdisciplinary field that sits at the crux of mechanical engineering, electrical engineering, and computer science. Robotics professionals not only apply their knowledge and skills from all three disciplines to develop robots but also "study human factors to enable the adoption of robot technologies in a wide variety of applications, ranging from healthcare to manufacturing to exploration. The robotics business is booming. Manufacturing, agriculture, and medicine are just a few major industries that cannot seem to quench their thirst for more automation. Freeing up workers from dull, dangerous, and dirty jobs is a primary initiative for many of the world's largest businesses.

Let you explain about Robotic Automation Lead Design: A Robotics Automation Lead designs and monitors all the computer-controlled systems and robotic devices used within industrial and commercial facilities to reduce human intervention and maximise efficiency. The individual assists manufacturing, mechanical, and electronics engineers in all phases of process design, development, production, testing, installation of

the robot and operations. The individual must have attention to detail, problem-solving skills, and the ability to work in coordination with others. The person must also have managerial skills to manage and lead a team of engineers. In recent years, the technology has become much more versatile and increased the variety of business processes it can be applied to. There are all sorts of ways to do automation.

Why choosing Career in Robotic Automation Lead Design? Robotic Automation Lead Design remains the buzzword among industries worldwide. The concept has helped robots and autonomous systems achieve unprecedented growth. Robotics technicians, engineers, and scientists have achieved high salaries, funding opportunities and unlocked new research capabilities in the past few years. Other professionals have managed to introduce unique ventures due to immense innovation and growth in this field.

How to Get Better at Robotic Automation Lead Design? As the field of robotics continues to grow, so does the need for trained professionals with the knowledge and skills necessary to meet this increasing demand. Below, we explore what the field of robotic automation leads design entails and examine the steps aspiring roboticists can take to build a successful career in this field.

Education: A BE/B Tech Degree in Electrical or Electronics or B.Voc (Mechatronics/Robotics/Automation) degree from a reputed university is an excellent option to kick-start your robotics career. You will gain the necessary knowledge and skills to design and develop robotic and autonomous systems during your learning. If you want to pursue research and other innovative positions, you can also work towards a master's degree after completing your undergraduate degree.

Get Advanced Training and Certifications: Specializing in core areas like Robotic Automation Lead Design can help you acquire the desired skill sets and give you an edge over other professionals in your field. Along with preparing you for excellent career opportunities, advanced skill training by ESSCI - Electronics Sector Skills Council also helps you pursue a career path in the

robotics field. ESSCI has designed these specialized Qualification Packs with the help of industry and academia experts for developing a skill set of B.E./B.Tech graduates who wish to pursue their career in Robotics & Automation.

Gain Experience: Hands-on experience is necessary in the robotics industry. ESSCI also helps candidates to gain experience through NAPS -National Apprenticeship Promotion Scheme and internships to give exposure about the autonomous systems that industries use currently. ESSCI also offers On-the-job training programs for candidates, which help them to stay in touch with the latest happenings in the Robotics field.

Where Can You Work as a Robotic Automation Lead Designer? Kick-start your career as a technician, engineer, or research at a government agency or private organization. With developments in robotic dexterity, machine learning, and sensor technologies, there are several opportunities in labs and universities for graduates and skill certified. Tech giants like Amazon, Google, and Apple hire robotics engineers for many attractive roles and responsibilities.

Autonomous vehicle manufacturers also hire robotics graduates to design driving and navigation systems on a large scale. Defence manufacturing firms have developed many exciting technologies in the past decade and present a conducive learning environment for budding roboticists. Manufacturing, healthcare, transportation, supply chain, surveillance, construction, and even food industries also rely on robotics to develop fast and meaningful solutions.

Career Progression: The robotics field offers several exciting opportunities with a high-paying salary and excellent growth prospects. Formal education, certification, hands-on training, and work experience can further improve your chances of a fulfilling career in the field. At the initial stage, a skilled person can earn around Rs 5 - 6 lakh. With the experience and expertise, one's income can potentially increase. If you like to work with your hands, being a technician is the job for you.

(The author is Chief Operating

Officer, Electronics Sector

Skills Council of India).

Vast career options in healthcare industry

■ VIJAY GARG

One are the days when healthcare referred to simply doctors and nurses. With the booming medical tourism in India, this sector is also showing growth in all terms. Be it the size of the hospitals or the expertise required for their operation, specialized courses have developed. If you failed to qualify for the MBBS entrance exam or wish to be in the medical field but don't find yourself efficient to handle patients, then also the healthcare sector has a lot of opportunities for you. There is an ever growing demand for super-specialists. Even the engineers are needed. You must have noticed that hospitals have personalized apps. They need skilled engineers to design and maintain them. Here, we will be telling you about the numerous career opportunities in the healthcare sector.

Job Prospects and Career Opportunities in Healthcare Sector:-

Physician: When we talk about the healthcare sector, a Doctor is the first image that appears. Undoubtedly, doctors are the pillars of healthcare. You can be a doctor by clearing the national level test NEET. Also, you need to have studied physics, chemistry, and biology in your intermediate. There are also many private medical colleges that conduct their separate tests. After completing the four and a half year long MBBS, you can get yourself registered as a practitioner. Nowadays, there is a demand for super specialists. So, it will be better for you to do MD as well. Higher degrees will be better. A doctor's job is one of the highest paying ones. The government hospitals and private hospitals all pay them handsomely.

Dentist: Tooth problems are always there. And to deal with them, we need skilled Dentists. There is an upsurge in dental issues with polluted water, unhealthy eating habits and obviously lifestyle stress. Apart from the traditional dental extractions and implants, we also have now cosmetic dentistry. People opt to undergo knife to fix the misalignment of their teeth, to improve their facial appearance and all such purposes. For being a dentist, you first need to do BDS. Its selection is done through the nationwide medical test NEET. After your BDS, you should go for higher studies for higher prospects.

Nurse: A Nurse is the one who is in charge of doing all the tests and taking care of the patient until he/she is discharged. They can be seen drawing out blood, collecting a urine sample, administering medicines, training patients for some techniques like taking insulin shots etc. if you are passionate towards the ill and ailing, you can get into this career. You first need to have physics, chemistry, and biology in your intermediate. After that, complete a nursing course. In our country, we have a B.Sc.(Nursing), ANM and

GNM courses. On successful completion of the course, you need to get yourself registered with the state nursing registration council. After being a registered nurse, you can work in public as well as private clinics.

Dietician: Most hospitals have a group of Dieticians who prepare the diet chart for patients while their stay in the hospital and also afterwards. They take into account the medical history, current complications and also daily requirements. You must have noticed that patients suffering from kidney dysfunction get a diet chart upon their release from the hospitals. It is the dieticians who prepare that. There are a number of colleges that offer undergraduate and postgraduate courses in food Nutrition and Dietetics. After completing masters, you need to clear the registered dietitian exams to get a practising license. After that only you can work as a dietitian. This is a very attractive field. A number of people are suffering from lifestyle disorders and need a properly planned diet. With advancement in clinical science, doctors recommend their patients to have a balanced diet throughout their life. As a dietitian, you can work with health clinics or even practice independently.

Counselors: Hospitals don't always get the patients with physical trauma only. They also get the ones who have deep psychological trauma. A Counselor role comes into the picture in these cases. There are cases when a person is so much tortured that they fail to open up to register a police complaint. A couple becomes rigid on conceiving a child even though this may lead to the death of the mother. A counselor counsels them, works for the betterment of their mental state and also towards a permanent recovery. Their primary role is to ensure a healthy mental state of the patients. To be a counselor in the healthcare industry, you need to have at least an M.Phil (Psychology). After that, you should get yourself registered with the rehabilitation council of India. Many universities are registered with RCI. So, the students get their license soon after completing their M.Phil in case your university isn't registered, you can appear for the independent exam conducted by RCI.

Physiotherapist: There are always patients who need physical therapies for getting better. Went here is an accident victim with a damaged spinal cord, their recovery needs a regular physiotherapy. Even the sportspersons need this from time to time. Most hospitals especially the orthopedic ones have their own team of Physiotherapists. You too can be a physiotherapist if you have studied physics, chemistry, and biology in your intermediate. After that, you can go for a diploma as well as degree courses in physiotherapy. Like all the other streams, it is better to go for the mas-

ters and specialization. There is always a demand for physiotherapists who specialize in pediatrics, gerontology, and trauma. The salary starts at 30k per month. Of course, much of it depends on the hospital. And, if you succeed in establishing your own clinic, it can be even better. However, you must ensure that the college in which you are studying is recognized by the Indian Association of physiotherapists.

Medical Lab Technician: All the hospitals have their own pathology lab. Apart from the Pathologists, Lab Technicians are also needed. As a Lab Technician, you will be required to study and detect diseases in the patient's body samples. If your hospital has an oncology department, you will be also required to detect malignancy of the tumors. This is a highly technical and specialized job. Not only that, this one will always remain in demand. Even with all the automation, it will be the human intellect and expertise required in creating slides and studying them. If you find this career thrilling, you can get yourself enrolled either in the Diploma in MLT or related Degree course in medical laboratory technologies. You can start your work with any diagnostic centre or hospital.

Pharmacist: A Pharmacist is a person behind the drug prescriptions to the patients. You can get into this field by completing B.Pharma first, which is offered by numerous government as well as private colleges. After that, it depends completely on you to choose either in an MNC associated with drug manufacture or some hospital. You can also get into the research field.

Hospital Management: This is a budding career with lots of potentials. The big hospital chains need more than just doctors and ancillary services to function properly. They need to have a proper management. Managing a hospital is completely different from managing a business firm. There are cases of emergency, medical epidemic and constant renewal of technical equipment. The role of a candidate with hospital management comes in the picture here. There are some institutes that specialize in offering MBA (Hospital Management). After doing your MBA (Hospital Management), you can join in the leading private hospitals as their manager.

Veterinarian: When we talk about health care, we can't exclude our pets. If you find yourself more inclined to tend to the medical needs of these speechless creatures, you can become a Veterinarian. You have to clear the AIPVT Entrance Exam, which is the national level test for getting admission in the BVSc. States also conduct their own entrance tests which are subject to the domicile of the candidate.

Genetic Counselor: With the advancement in technology and growing awareness, people

now know that many of their health issues are due to their genetic makeup. In earlier days, people used to regard every mentally challenged child as the same. But now we know that they can suffer from Down's syndrome or Klinefelter's syndrome and so on. So, usually, doctors advise the expecting parents to get them tested genetically to rule out any such condition. As a genetic counselor, you will be required to educate them about the pros and cons of getting this test done. You will be counseling them if any genetic anomaly is detected. You will be doing the same with the cancer patients too. To get into this field, you need to have a certification from the board of genetic counselors in India. Unfortunately, there are very few institutes that currently offer a course in the genetic counseling. VIT offers a full-time M.Sc (Biomedical Genetics) with genetic counseling. Manipal hospitals Bangalore offer a certificate course in genetic counseling, and Kamineni Hospital, Hyderabad offers a post-graduate certificate course in medical and genetic counseling. So the competition to get there is really tough. But the scope is unlimited. If you wish to go abroad, the career prospect is much brighter. They are in high demand there.

Biomedical Engineer: With the growing demand for non-invasive surgeries, robotic surgeries, and accurate surgical devices, the Biomedical Engineers are going to be in high demand. The role of a biomedical engineer is to act as the intermediary between the hospital needs and industrial manufacture. It is more of an R&D job. We have IITs, NITs and some good private colleges offering diploma, certificate, undergraduate courses like B.Tech (Biomedical Engineering) as well as postgraduate courses. But unfortunately, in our country, it has got a limited scope. But, if you choose to go abroad, it will give you tremendous returns.

Radiation Therapist: With a swift rise in the number of cancer patients, the need for radiation therapists has also risen. You can do a diploma or a full-time graduation in Radiation Technology. Currently, there isn't any national entrance test. Colleges take the candidate based on their intermediate marks or their own entrance test. After completing the graduation, you need to get yourself a post-graduate specialization in medical oncology or radiology or oncology. After that, you will be eligible to work as a radiation therapist. You will get numerous opportunities in cancer-specialist hospitals.

The medical field is a vast arena. There are many untapped professions which are very good paying and have bright prospects. It is always better to look beyond the traditional career choices.

PROGRESSING J&K
Govt's fiscal reforms pave way
for enhanced growth,
development at grassroots level

Introduction of a slew of major fiscal reforms by the Jammu and Kashmir government has tremendously transformed the financial system in the Union territory paving way for enhanced growth and development in the region. One such reformative measure 'Budget Estimation and Allocation Monitoring System (BEAMS)' has empowered J&K people to oversee works being executed in their areas on a real time basis.

The administration has successfully implemented innovative initiatives in this regard which inter alia included BEAMS, online submission of bills through J&K PaySys, mandatory administrative approvals, technical sanctions and e-tendering, digital payments, GFR, GeM and related measures which have greatly helped the financial systems in J&K to be at par with any other developing financial system in the country. Publication of pictorial e-compendiums related to projects completed under Back to Village, District Capex, UT Capex and JKIDFC broadly reflects government's commitment to engage with the citizens.

During 2020-21, more than 18,000 works were available on EMPOWERMENT portal for the first time in J&K for public viewing thus bringing in real grass root empowerment. Notably, Jammu and Kashmir government has completed over 66,000 developmental projects in the last three years.

Lieutenant Governor, Manoj Sinha, said that significant steps are being taken up by the government in the past three years to eliminate impediments and expedite decisions on approvals for timely implementation of projects. In March this year, J&K Finance department accorded sanction to authorization of 100 percent Revenue and Capex budget out of Revised Estimates (RE) 2021-22 through BEAMS within the appropriation approved by the Parliament for the current financial year.

"Sanction is accorded to authorization of 100 percent Revenue and Capex budget including District Capex out of Revised Estimates 2021-22 through Budget Estimation, Allocation and Monitoring System (BEAMS) within the appropriation approved by the Parliament vide 'The Jammu & Kashmir Appropriation Act, 2022 No 4 of 2022, dated March 25, 2022 for the current financial year 2021-22," read an order issued by the Financial Commissioner (Additional Chief Secretary) Finance Department. The order stipulates the conditions for utilization of Revenue budget which specify that the Controlling Officers will ensure that all budgetary allocations are strictly as per Demand for Grants and funds shall be released through BEAMS. The controlling officers immediately release the funds to the line departments within a period of one week from the date of authorization of funds by the Finance Department. The BEAMS administrator at the Administrative Department level will report compliance to the Finance Department on a monthly basis and the expenditure will be made strictly in accordance with GFR 2017. In a bid to bring more transparency and accountability in the governance system, Lieutenant Governor had launched PROOF 'Photographic Record of On-site Facility' app. It helps in uploading geo-tagged photographs while preferring bills in the concerned treasuries against the budget allotted through the BEAMS application.