

**Shri. Vitthalrao Joshi Charities Trust's
B. K. L. Walawalkar Rural Medical College & Hospital
Shree Shetra Dervan Vartaptra
July, 2024- (12th year – 07th publication)**

Inauguration of 'Robotics and Artificial Intelligence Lab'

at Shree Vitthalrao Joshi Charities Trust's English Medium



On 01st July 2024, Shri Vitthalrao Joshi Charities Trust English Medium School and Junior College of Science inaugurated, Robotics and Artificial Intelligence lab of both secondary departments with advanced curriculum such as AI, ROBOTICS, IOT, CODING, AR for elementary and Robotics by former Rajya Sabha

MP and President of Indian Council for Cultural Relations Hon. Shri. Dr. Vinay Sahasrabudhe. A new chapter has started in the education sector of the institute with the inauguration of Robotics and Artificial Intelligence Lab. This course has been started in collaboration with SKAI Robotics Director Shri. Abhijit Sahasrabudhe and Shri. Krishnamurthy for the academic year 2024-25 from Grade Ist to Grade X. After the inauguration of the Robotics and Artificial Intelligence Lab, the attendees were given a tour of the state-of-the-art equipment available in the lab, various types of robots, 3D printers, robotic kits, advanced computer systems, etc. Dr. Vinay Sahasrabudhe later visited Atal Tinkering Lab, Space Lab and Art Gallery which are functioning in the school. Shri. Vinayji interacted with the students and expressed satisfaction with the school's vision of making India a developed country despite its rural location. During the program the Mrs. Sonali Joshi, briefly introduced Dr. Vinay Sahasrabudhe. In the introduction, the director of the school Mrs. Sharayu Yashwantrao, unfolded the journey of the establishment of English medium school in the rural area, enabling higher education and the state-of-the-art school that was realized from it.

After this the Director of SKAI Robotics Mr. Krishnamurthy expressed his views on AI and Robotics as a milestone in the journey of technology and innovation. It was mentioned that we are trying to implement this course in Marathi language as well. **"Swadhyaya Pustak"** was also unveiled by the Chief Guest. Managing Trustee of the Institute Shri. Vikasrao Walawalkar expressed his thoughts, and said that broadening the horizons of knowledge is essential in a competitive world and we believe that the Robotics and Artificial Intelligence Lab is being created to prepare students to meet the challenges of the 21st century with rapid advancement in technology. While addressing the students and parents, Mr. Dr. Vinayji Sahasrabudhe said, language is the carrier of culture, so language becomes equally important when relating to modernity. On this occasion, he expressed the importance of reading by saying that foreign technology should be adapted to the indigenous one, and that we should not break our relationship with





books while making friends with computers. He concluded his speech with the poem 'Kitaben' by poet Shresh Gulzar. Officials of various departments of the institute, Principal, parents, students and teachers were present in this inaugural program. The coordinator of the program Mrs. Ashwini Khandekar and the Principal of the primary department Ms. Prajakta Chalke thanked everyone. The program ended with the singing of Vande Mataram. Seeing all the activities, Dr. Vinayji Sahasrabuddhe, happily

expressed that he got a memorable experience seeing the school under the concept of PURA – 'Provision of Urban Amenities to Rural Areas' which is introduced by Dr. A.P.J. Kalam - the former President of India.

Felicitation of Orthopedic Surgeon Dr. Sunil Nadkarni by Derwan Hospital for receiving three medical patents



Dr. Sunil Nadkarni, MS (Orth), FRCS, MCh has been working with B. K. L. Walawalkar Hospital since many years. After serving the patient in England for fourteen years, he returned to the country and since then has been working as an orthopedic specialist. Spine disorders are his specialty area of study. Dr. Nadkarni, is at Derwan to treat the poor patients of Konkan. Due to his contemplative nature, he constantly researches in his field and researches new ideas in the treatment method to relieve the patients. "An Upright Postural Aid" to help patients with back pain and spine diseases to sit upright and keep the spine straight as well as "A Generalized Path Guidance Tool" to assist in Minimal Invasive Surgery of Lumbar Spine and Spinal Cell Lab He has acquired three patents for the new manufacturing technology A Composition and Method for in Vitro Proliferation of Disc Cells. In all this research work, he has got valuable support from well-known scientist Dr. Rita Mulherkar and his team. It also has an equal contribution of Department of Orthopedics from Walawalkar Medical College. This success of Dr. Nadkarni, was informally felicitated by Dr. Suvarna Patil - Medical Director (B. K. L. Walawalkar College & Hospital), Dr. Mansingh Ghadge - Dean of Medical College, and Dr. Netaji Patil - Consultant Radiologist, and expressed their gratitude for this austere.

Various Courses in Electronics at SVJCT Samarth Educational Institute

by Prof. Dr. Neha Deshpande



Currently there are different approaches about the National Education Policy 2020 and also there is continuous discussion on the media. There seems to be a phased approach to this strategy implementation in schools colleges and universities. Educational plans are set for the next five years till now. But as per these new policies for the next 25 years a long-term plan has been drawn up. In the last few years, we have developed resources, foreign investments in our country have increased and thus foreign capital and technology is coming to India. As these winds of change blow, debating whether it's right or wrong, whether it's beneficial or not, is part of the debate, but preparing to ride the wave of new technology that's fast approaching is an extremely difficult task, which is another important point to be noted.

It is a challenge for students and parents to choose the required educational system and acquire expertise in it. The results of various competitive exams are being declared, depending on the 12th result and the results of the competitive exams, the admission rounds of various branches and subjects will be taking place. In this background, we need to be aware about the different opportunities, new courses and their great contribution in the construction of India in the subject of electronic science.

In today's era, we see that right from waking up in the morning till sleeping at night we use many electronic devices in our daily life. Often it is felt that these devices have become a necessity and no longer a fad. Apart from this, electronics have become an essential part of the agricultural industry, automobiles, heavy machinery, aircraft, ships, communication systems, media and health care. Now the industry sector in India has prepared with renewed vigor to prepare the semiconductor system required in all these places and the skilled manpower required for this will be necessary in the future. Study about this as well as actual work experience will be important in the future. Along with this, the education system is being created for the latest technologies like AI, Industry 4.0 (now upgrading to 5.0), and IOT. Since electronics is the backbone of computer science, it is also essential to include the same in study (curriculum). Also, be it cyber security, IT or a fast-moving subject like data science, the study of electronics plays an important role in all studies. Presently, various courses like B.Sc. Electronics, B.Sc. Computer Science with Electronics, B.Sc. Data Science, and B.Sc. CA are running in colleges affiliated to Pune University as well as autonomous ones. With the inspiration and blessings of Mr. Ashokrao Joshi, Chief Trustee of Vitthalrao Joshi Charities Trust, the idea of such courses was started long back in 2013 - 14. Accordingly, in the year 2017, SVJCT Samarth Educational Institute, for the first time in the year 2017, started the course 'B.Sc. Biomedical Instrumentation' which is from GICED, an autonomous branch of Mumbai University.

The institution's school, Atal Lab facilities, hospital and medical college all located in the same area made it



possible for the students to get real work experience. Their skills developed. So every year students passing out are getting jobs in hospitals like Lilavati, Dinanath and corporates like GE. Now M. Sc. has also been started and there is no doubt that the research center will be functional soon. Shri Vikasrao Walawalkar has given invaluable help and guidance in all these constructions. Director Mrs. Sharayu Yashwantrao, Head of the Department, Prof. Rohan Gupte and M.Sc. in-charge Prof. Pragya Gokhale as well as all the teachers are doing a great job by encouraging the children continuously. This visionary of Shri. Ashokrao

Joshi has brought a new dawn in the lives of many.

Along with this, for the first time under the University of Pune, B.Sc-Biomedical Instrumentation subject is designed to prepare the manpower needed in various hospitals, clinics, service industry, research industry by learning the technology required in healthcare services. There is no doubt that this course will provide students with great opportunities in the future as students will have the opportunity to work and learn in reputed hospitals from time to time. The course will include the process of creating new entrepreneurs in Pune and Derwan in the future and hopefully will lead to manufacturing of Indian made equipment.

Graduate students in all disciplines can further pursue Master's degree as well as Ph.D. They can also set up their own businesses and become successful in a different ways.

Budding players thoroughly practice on SVGCT's synthetic tracks



Summer Sports Camps of various sports were organized at SVJCT Sports Complex in April and May to utilize the school annual vacations. In this, many famous coaches came for practice with their teams. More than 350 athletes trained diligently, mainly for athletics. Players from various districts like Mumbai, Thane, Dombivli, Ahmednagar, Kolhapur, Satara, and Chhatrapati Sambhajnagar participated in the training camp.

The players of the renowned Rising Star Club of Mumbai attended the athletics training camp to avail the facilities like gymnasium, swimming on the international standard synthetic track in the sports complex. National players like Lakshmi Aruri, Mehli Borale, Janhvi Patil, Shraddha Rajbhar participated in this. Mr. Yogesh Satum was the guide of this sports camp. He expressed the opinion that the environment in this complex is good for the players. Mr. Nilesh Patkar, coach of Achievers Sports Club from Thane, along with his team of players were also present for a month-long training camp. Along with his players, the budding players of the district were also benefited from his guidance. Mr. Patkar organized a seven-day workshop for sports teachers in various schools in which he imparted new information to the sports teachers about the changes in the rules of the sport of athletics and new techniques in training. National and international players like Mihika Surve, Shrestha Shetty, Atharva Bhoir, Smit Sarode participated in the team from Thane. In his speech, Mr. Patkar said that along with athletics training, swimming pool, kabaddi, kho kho grounds, good accommodation and food facilities provide good practice for the children, which will benefit our players for the association's state level competition in Nagpur. A sports camp was organized for 52 athletes under the guidance of Shivratna Academy's coaches Mr. Jagdish Gawde & Mr. Amol Kadam who brought a team of athletics players from Kalyan and Dombivli. The players were able to experience the state-of-the-art facilities at the SVJCT sports complex wherein they prepared for the upcoming school and association competitions. Along with this, senior athletics coach Mr. Kalidas Gujar from Karad also came with his team of 18 players for 5 days of training.

8th Junior National Lagori Competition



At SVJCT's sports complex, which is well equipped with international standard, the 8th Junior National Lagori Championship was held from 28th to 30th June'2024 with the approval of Amateur Lagori Federation of India and on behalf of Maharashtra Lagori Association. A total of 550 players from 17 states of India, 14 boys and 17 girls' teams participated in this tournament.

This competition was inaugurated by Dr. R. H. Deshpande, Head of Pathology Department (B. K. L. Walawalkar Rural Medical College). On this occasion, President of Lagori Federation of India and Shiv Chhatrapati Award winner Shri. Sandeep Gurav, Sports Director of SVJCT Sports Complex Mr. Shrikant Paradkar, office bearer of Lagori Association Adv. Priya Gurav, Tushar Jadhav were present. Also, the teams of the participating states organized and saluted the dignitaries and the tournament was inaugurated by taking oath of the players. In the final match of the boys group, the Goa team won the title while the Maharashtra team emerged as runners-up. The team of Bihar and Jharkhand won the third position. Among boys team Aman Kumar from Haryana was awarded the best player. In the girls' final match, the Haryana team won the gold medal while the Goa team won the runner-up position. The third place was also won by the team of Bihar and Uttarakhand. Among the girls team Kajal from Bihar was awarded as the best player.

Along with this, in the final match between Arunachal Pradesh and Tamil Nadu, Arunachal Pradesh team performed brilliantly and won the final trophy. The third place was won by the Pondicherry team. In the final match of the mixed doubles category, the Karnataka team performed well and won the title while the Assam team won the runner-up position. The Delhi team had to settle for third place.

Mr. Vikas Walawalkar, in his speech said that by watching the Grand National lagori competition and participants from all over India I was totally overwhelmed to see 21 states. I also played this game as a child. Today this game is played all over India with great appreciation and wonder. Lagori is a physical game; it is definitely the best to keep the balance intact. Many traditional games are becoming extinct in today's computer age, while playing a country game like lagori; it is a matter of pride that the important work of revitalization has been done. Shri. Vikas Walawalkar, further assured Mr. Sandeep Gurav to extend utmost support on behalf of the trust.

Completion of "Malkambh" camp



Kolhapur Divisional Level Mallakhamba Skill Development Training Camp at SVJCT Sports Complex completed from 11th to 16th May'2024. 37 rowers from Kolhapur, Sangli, Satara, Sindhudurg, Ratnagiri districts participated in this training camp. During the camp period, practice was conducted in the morning and evening sessions of Burleya, Tangta and Rope Mallakhamba. This camp was conducted under the guidance of chief coach Mr. Ranveer Sawant of Ratnagiri District, Vishal Patil of Kolhapur District, Vaibhav Havaldar, Gaurav Ambre.

The participating players in the camp were honored with certificates.

The planning of this training camp was prepared by the former secretary of Mallakhamba Federation of India Shiv-Chhatrapati award winner Shri. Sujit Shedge, Ratnagiri District Mallakhamba Association Secretary Shiv-Chhatrapati Awardee Shri. Shantaram Joshi, and SVJCT Sports Director Shri. Srikant Paradkar and others.

Proprietor/Printer/Publisher: Shri. Vikasrao Walawalkar printed at Srimudra, 181, Sukar Peth, Pune 2, B.K.L. Walawalkar Rural Medical College and Hospital, Diagnostic and Research Centre, Srikshetra Derwan, Tt. Chiplun, Dist. Ratnagiri – 415 606.

Visit us at <https://swamisamarth.com/dervan//>

Executive Editor: Dr. Mrs. Suvarna Patil Deputy Editor: Mrs. Sharyu Yashwantrao -, Shri. Shrikant Paradkar 95884 79220, 99212 51695.