

DEPARTMENT OF AUTOMATION & ROBOTICS

VESP • NEWSLETTER: JANUARY '24

"Take risks in your life. If you win, you can lead. If you lose, you can guide."

EDITORIAL

The Diploma Programme, Automation and Robotics, comprises two main areas: (1) Automation, which deals with use of computers or robots, and information technologies for handling different processes and machineries in an industry and (2) Robotics, which combines construction, operation, and application of robots coupled with computer-based control systems, sensory feedback, and information processing. This is a discipline that gives equal emphasis on hardware as well as software development. Hence the curriculum of this Diploma Program gives emphasis on Basics of Robotics, Robotic Programming, Sensors and Actuators used in Automation and Robotics, electronics, electrical controls & components such as servo systems, hydraulics & pneumatics, Automation tools such as PLC, SCADA, DCS etc.

MESSAGE FROM HOD

[MRS. BINDU RAMESH](#)

Welcome to the Department of Automation and Robotics. The Department, established in the year 2020-21, with an intake of 60, is approved by All India Council for Technical Education and is affiliated to Maharashtra State Board of Technical Education.

Automation has become the key word for the development of any industry. And with the onset of the "Make in India movement", there is going to be a huge demand for engineers in the emerging areas of technology. Automation and Robotics is one such emerging field identified by the All India Council for Technical Education.

The Department has well Qualified Faculty members and well Equipped Laboratories to impart the required technical skills in students. Regular industrial training, Visits and expert lectures are also conducted for the students so that they become aware of the recent trends in the industry. Along with technical knowledge, the Department also focuses on overall personality development of students. They are constantly encouraged to participate in various co-curricular activities like technical paper presentations, Quiz, Project Exhibitions etc and extra curricular activities such as Singing & Dance competitions, Literary Skill Competitions etc. The Department leaves no stones unturned to make its students well prepared to face this challenging world and aspires for their bright future.

WHAT'S INSIDE

Message from HOD

Editorial's Pick

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Student Activities

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Result Analysis



MRS. BINDU RAMHESH
HEAD OF DEPT.
AUTOMATION & ROBOTICS

DEPARTMENT PROFILE

Location: Main Building

Total number of Classrooms: 03

Total number of Laboratories: 05

Faculty-Student Ratio: 1:16.27

Total Faculty: 08

Supporting Technical Staff: 03

DEPARTMENT VISION

- To excel in the field of Automation and Robotics by creating technocrats with value based professionalism.

DEPARTMENT MISSION

- To ensure that the students achieve necessary expertise in the field of Automation and Robotics through dedicated and innovative teaching.
- To create technically educated youth for flourishing professional career with a desire for lifelong learning.
- To provide a platform for overall personality development of students with professional ethics, social awareness and moral values so that they would be well equipped to realize their potential and reach their aspiration.

PROGRAM SPECIFIC OBJECTIVES

- Maintain various types of Automation and Robotics equipment
- Apply the basic computing knowledge and related software for the implementation and operation of Automation and Robotics systems

PROGRAM EDUCATIONAL OBJECTIVES

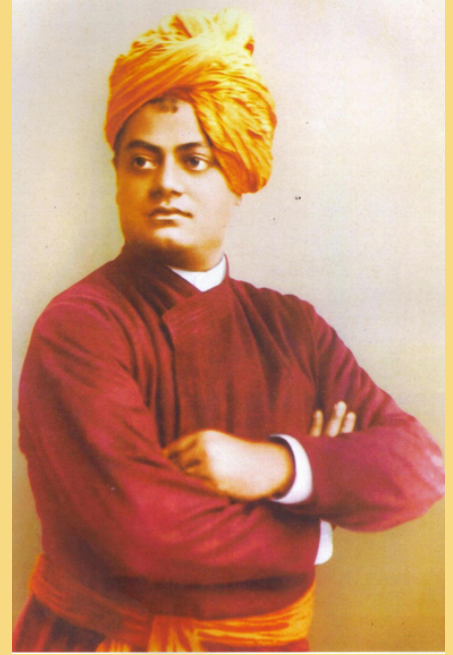
- Provide socially responsible, environment friendly solutions to Automation and Robotics engineering related broad-based problems adapting professional ethics. .
- Adapt state-of-the-art Automation and Robotics engineering broad-based technologies to work in multi-disciplinary work environments.
- Solve broad-based problems individually and as a team member communicating effectively in the world of work.

DEPARTMENTAL ACTIVITIES

Apart from the student's development, the department also focuses on faculty development so that the teachers can adapt themselves with the technological changes. Hence the department encourages the staff to participate in training programs, conferences and workshops.

Staff Trainings:

- BINDU RAMESH, KALPESH BAGAL, NIKHIL SATPUTE COMPLETED L AND T TRAINING ACADEMY FROM MADH ISLAND ON JUNE 23 2024 TO JUNE 28 2024.
- NIKHIL SATPUTE attended GENERATIVE AI USING CHATGPT, Change Management program organized by AISSMS - Department of IT and L & T Skill Trainers Academy respectively from 5 to 19 JAN 2024 and 24 to 28 JUNE 2024.
- NIKHIL SATPUTE, SANTOSH MULYE, BINDU RAMESH, VIDYA HARPUDE ATTENDED ADVANCEMENTS ON SENSOR TECHNOLOGIES ORGANIZED BY VESP, MUMBAI AT VESP ON 5 AND 20 JUNE



“We are responsible for what we are, and whatever we wish ourselves to be, we have the power to make ourselves. If what we are now has been the result of our own past actions, it certainly follows that whatever we wish to be in the future can be produced by our present actions; so we have to know how to act.”

-SWAMI
VIVEKANANDA

STAFF ACTIVITY

NPTEL:

- Lata Upadhye completed an 8-week online training program on "Introduction to Machine Learning" organized by NPTEL-IIT Kharagpur.
- Manju Kurien completed an 8-week online training program on "Robotics" organized by NPTEL-IIT Kharagpur.
- Saroj Desai completed a 12-week online training program on the "Internet of Things" organized by NPTEL-IIT Kharagpur.
- Saroj Desai participated in a training program on Intellectual Property Awareness under the National Intellectual Property Awareness Mission on December 27, 2023.
- Nikhil Satpute completed a 4-week online training program on "Patent Drafting for Beginners" organized by NPTEL-IIT Kharagpur.
- Nikhil Satpute completed an 8-week online training program on "Research Methodology" organized by NPTEL-IIT Kharagpur
- Santosh mulye attended online course of 8 weeks on Waste to energy Conversion organised by NPTEL ONLINE CERTIFICATION
- Santosh mulye attended online courses on Bio cultural Diversity Conservation & Climate Action, Energy Management & Climate Action, Waste management & Climate Action, Living with climate change & Water management organised by MYCA on 10 feb 2024.
- Nikhil Satpute attended online courses on Patent Drafting for Beginners, Research Methodology, Blockchain and its Applications organised by NPTEL ONLINE CERTIFICATION of duration 4 weeks, 8 weeks and 12 weeks simultaneously.
- Bindu Ramesh attended online course on Microprocessors and Microcontrollers organised by NPTEL ONLINE CERTIFICATION of 12 weeks.

- Vidya Harpude attended online course on Introduction to Internet of Things organised by NPTEL ONLINE CERTIFICATION of 12 weeks.

MAHARASHTRA YOUTH CHALLENGE ACTIVITY (MYCA):

- Saroj desai attended Multi-Purpose Tracker Robot presentation organised by International Journal for Research in Applied Science & Engineering Technology.
- Santosh mulye attended online courses on Bio cultural Diversity Conservation & Climate Action, Energy Management & Climate Action, Waste management & Climate Action, Living with climate change & Water management organised by MYCA on 10 feb 2024.
- Nikhil Satpute attended online courses on Bio cultural Diversity Conservation & Climate Action, Energy Management & Climate Action, Waste management & Climate Action, Living with climate change & Water management organised by MYCA on 10 feb 2024.
- Bindu Ramesh attended online courses on Bio cultural Diversity Conservation & Climate Action, Energy Management & Climate Action, Waste management & Climate Action, Living with climate change & Water management organised by MYCA
- Vidya Harpude attended online courses on Bio cultural Diversity Conservation & Climate Action, Energy Management & Climate Action, Waste management & Climate Action, Living with climate change & Water management organised by MYCA.

WEBINAR:

- Santosh Mulye attended E-waste Management, E-waste Management, How to plan start up & legal activities, A practical approach to deal with citation & plagiarism organised by Rajiv Gandhi college of Management Studies on 23 march 2024, 10 april 2024, 19 april 2024 and 24 april 2024 respectively.

PAPER PRESENTATION:

- Nikhil Satpute attended Drone FireFighter organised by International Journal for Research in Applied Science & Engineering Technology
- Bindu Ramesh attended Crop Analyzer using Deeplearning and Yolo, Virtual Reality Driven Army Training Simulator organised by International Journal for Research in Applied Science & Engineering Technology
- Vidya Harpude attended Car washing system using raspberry Pi Pico as PLC organised by International Journal for Research in Applied Science & Engineering Technology

EXTRA CURRICULAR ACTIVITIES:

- Parallax Lab donated AR VR set to VES Polytechnic.
- VEGA donated Level Measurement and Control Setup to Automation and Robotics Department.



Parallax Lab donated AR VR set to VES Polytechnic.



VEGA donated Level Measurement and Control Setup to A.O. department.

STUDENT ACTIVITIES

Co-curricular activities-

TECHNOTRONIX 2k24

- SUTAR DHANANJAY, CHIRAG PATIL, KARAN KALE, RAJ SALVI secured 3rd prize in veivek technotronix 2k24 held on 30 MARCH 2024 to 31 MARCH 2024.
- SAVIR SHIRGADI, ADITYA PATHARE, ADITYA SHARMA, PRATIK SHETTY, secured 2nd prize in veivek technotronix 2k24 held on 30 MAR 2024 to 31 MAR 2024.
- SHRAWAN RANE, DHANUSH BALSUBRAMANIAN ,SAKIR SHAIKH , MUDDASIR SHAIKH secured 1st prize in veivek technotronix 2k24 held on 30 MAR 2024 to 31 MAR 2024

Other Competitions

- GAURI, KOMAL, MAHIR, DARSH SECURED 1ST PRIZE OF 10,000RS IN TECHNOTHON-24 HELD FROM 17 FEB 2024 TO 18 FEB 2024 AT VESP.
- RACHT PATIL AND CHIRAG PATIL SECURED 1ST PRIZE IN NEUROFEST 2024 HELD ON 27 FEB 2024 AT A.R. KALSEKAR POLYTECHNIC NEW PANVEL.
- RACHT PATIL AND CHIRAG PATIL SECURED 3RD PLACE IN WINGS-24 HELD ON 26 FEB 2024 AT SHIVAJIRAO JONDHALE ASANGON.
- CHIRAG DHANUSH SHRAWAN RAJ KARAN PARTICIPATED INMSBTE PROJECT EXHIBITION HELD ON 18 MAR 2024 AT VARTAK COLLEGE.

TECHNICAL PAPER PRESENTATION

- CHIRAG PATIL, KARAN KALE secured 3rd prize of 500rs in inter college technical paper presentation competition held on 2 APR 2024 at EJ department vesp.
- CHIRAG PATIL, KARAN KALE secured 2nd prize of 5000rs at national level tpp held on 3 APR 2024 to 4 APR 2024 at ANANTRAO PAWAR college of engineering and research-PUNE



TECNOTHON - 2024

STUDENT ACTIVITIES

Co-curricular activities-

ISA VESP student council

- ARADHYA BORHADE AS THE PRESIDENT.
- MERWYN PILLAY AND SARA GADHAVE AS THE SECRETARIES.
- CHIRAG PATIL AND SAVIR SHRIGADI AS THE TREASURERS.

ISA EVENTS ORGANISED

- Registered students from all departments participated in Technovation-TPP held on 2 Mar 2024 by ISA-VESP student section.
- ISA organised Kon Bange Knowledgepati (KBK) on 5 Apr 2024.



*ISA-VESP STUDENT
COUNCIL 23-24*

STUDENT ACTIVITIES

Extra-curricular activities-

NSS Team Contributions:

- NSS UNIT ORGANISED A 3 DAYS RESENDITAL CAMP AT SANGE VILLAGE, WADA HELD ON 18 FEB 2024.
- NSS UNIT ORGANISED A BLOOD DONATION CAMP HELD ON 22 FEB 2024.
- NSS UNIT ORGANISED A FIRE MOCK DRILL HELD ON 28 FEB 2024.

NATIONAL SERVICE SCHEME

Team from our department:

- BHADRA SATRA
- KASHISH ROHRA
- DANISH SYED
- TANUSHREE MODHAVE
- MAYURESH DHURVE
- MRUDULA DEHERKAR
- AASTHA SONAR
- SHRAVANEE YADAV
- SNEHA SAIL
- AYUSHMAN YADAV
- SHREYAS SITAP
- ATHRAVA BODAS
- KANAK MOKASHI

TESTIMONIALS

“College is going pretty cool lately as we have so many events to participate in! . I think, even if you have zero idea about anything, one must still take part in it, get help from the staff and volunteers and just do it anyway! Because ultimately taking risks and new challenges makes us a different person altogether, right? I personally have noticed a huge difference after making so many presentations and technical papers. I feel much more confident too. I’d like to thank VES Polytechnic for such opportunities. Thank you.”

VRUSHAB SHINDE, AO6I



STUDENT ACTIVITIES

Extra-curricular activities-

- AO3I PARTICIPATED IN INTERNATIONAL YOGA DAY ON JULY 21ST, 2023, AT VESLARC, CHEMBUR, MUMBAI, LED BY MENTOR ANJANA SHRIVASTAV AND MR. SANTOSH MULYE.
- SNEHA SAIL AND SHRAVANEY YADAV(AO3I) WON THE SECOND PRIZE IN THE ONE-DAY GROUP SINGING COMPETITION HELD AT VIVEKANI ON AUGUST 15, 2023, HOSTED BY THE VES CULTURAL CELL.
- GAURAV LILWANI WON FIRST PLACE IN THE SPEAK-A-LOOK VACHAN PRERNA DIWAS COMPETITION HELD AT THE VESP LIBRARY ON OCTOBER 17-18, 2023.
- HARSH MAKHIJA WON THIRD PLACE IN THE SPEAK-A-LOOK VACHAN PRERNA DIWAS COMPETITION HELD AT THE VESP LIBRARY ON OCTOBER 17-18, 2023.
- SAVIR SHRIGADI & ADITYA SHINDE(AO5I), MAHIR SHAH & BHADRA SATRA(AO1K) PARTICIPATED IN THE TEDX TALK COMPETITION AT VIDYALANKAR POLYTECHNIC ON OCTOBER 13, 2023.
- JATIN BAJAJ, JAISINGH SANTANI, AARYAN MOHANANI, DHIREN MANKANI, GAURAV MULCHANDANI, PUSHKAR JAWANI, EKALAVYA ASWANI, YASH CHAWLA, KRRISH NIHALANI, AND ATHARV BODAS PARTICIPATED IN THE RENAISSANCE 2023 DESIGN DASH-ANNUAL TECHNICAL FESTIVAL HELD ON 5TH OCTOBER 2023 AT K.J SOMAIYA INSTITUTE OF TECHNOLOGY.
- SOUMIL CHAVAN, NIRAJ SAPRE, MAHIN NARVEKAR, PRATHAM PAWAR, AND KUNAL POTE PARTICIPATED IN THE RENAISSANCE 2023 TECH STROKE Pictionary-ANNUAL TECHNICAL FESTIVAL HELD ON 5TH OCTOBER 2023 AT K.J SOMAIYA INSTITUTE OF TECHNOLOGY.

TESTIMONIALS

"As an engineering student, I am constantly challenged to think outside the box and come up with creative solutions to complex problems. It can be tough at times, but the feeling of accomplishment when you finally solve a difficult engineering problem is unlike anything else."

ARADHYA
BORHADE, AO6I



STUDENT ACTIVITIES

Guest Lectures-

- Savir Shrigadi, Vrushabh Shinde, Pratik Shetty, Chirag Patil, Shrey Ruparel, Aradhya Borhade, Mayank Thappar , Ankita Bind, Merwyn Pillay and Sara Gadhave participated in Manthan 2024 held on 14 Feb 2024 by isa-vesp student section in association.
- Registered student from AO2K, AO4I and AO6I participated in technogames-24 held on 6 Feb 2024 by isa-vesp students section in association.
- All girls from AO department attended the lecture on international women's day -the power of a positive mindset held on 14 Mar 2024 by women's development cell.
- AO2K whole class attended the confidence building session held on 14 Feb 2024 by veslarc.

Industrial Visits-

- AO6I(full class) attended the industrial visit at bunty Foods(india) pvt ltd on 15 Feb 2024 which was held to provide students an insight regarding interaction, working of companies and exposure to current work practices related to theoretical knowledge bring taught in entrepreneurship development and management.
- AO4I(full class) attended the industrial visit at Adani Power Plant at Dahanu on 18 Mar 2024 which was held to provide students an insight regarding interaction, working of companies and exposure to current work practices related to theoretical knowledge bring taught in emerging trends in electronics
- AO6I(full class) attended the industrial visit at Adani Power Plant at Dahanu on 19 Mar 2024 which was held to provide students an insight regarding interaction, working of companies and exposure to current work practices related to theoretical knowledge bring taught in emerging trends in electronics.
- AO2K(full class) attended the industrial visit at Adani Power Plant at Dahanu on 12 Apr 2024 which was held to provide students an insight regarding interaction, working of companies and exposure to current work practices related to theoretical knowledge bring taught in emerging trends in electronics.



ADANI POWER PLANT VISIT

SPHURTI

- Gauri Ambre secured 3rd place in 100 meter race held during on 29 Dec 2023 to 5 Jan 2024.
- Ansh Birje secured 2nd place in carrom(boys) held during Sphurti on 29 Dec 2023 to 5 Jan 2024.
- Sara Gadhve Priyadarshini Govindan secured 1st place in baminton(girls) doubles held during Sphurti on 29 dec 2023 to 5 jan 2024.
- Ansh Birje secured 1st place in chess(boys) held during Sphurti on 29 Dec 2023 to 5 Jan 2024. Priyadarshini secured 1st place in table tenins(single) held during Sphurti on 29 Dec 2023 to 5 Jan 2024.
- Sara Gadhve Priyadarshini Govindan secured 1st place in table tennis(doubles) held during Sphurti on 29 Dec 2023 to 5 Jan 2024.
- Priyadarshini, Sara, Pradnya, Pooja Shinde, Tanvi Walekar, Gauri Ambre, Sneha Sail and Shravani Yadav secured 2nd place in dodge ball held during Sphurti on 29 Dec 2023 to 5 Jan 2024.
- Faizan Shah, Ayush Jaiswal, Vedant Shinde, Darsh Amin, Harshul Kamble, Ansh Birje and Atharv Bodas secured 3rd place held during Sphurti on 29 Dec 2023 to 5 Jan 2024.
- Huzefa Ansari, Vedant Shinde, Atharv Badas and Faizan Shah were the runner ups for football held during iedssa on 24 Jan 2024.
- Sara and team secured 1st place in Hashu Advani Sports and Cultrural festival-girls cricket held on 12 Jan 2024.



GIRLS DODGEBALL TEAM



BOYS VOLLYBALL TEAM

ANVESH

CORE TEAM MEMBERS

- Chirag patil and Karan Kale were the creative head of Anvesh-24 core team.
- Vrushabh Shinde was the decoration head of Anvesh-24 core team.
- Sara Gadhawe was the sponsorship head of Anvesh-24 core team.

- Nakul Katke secured 1st place in live photography held during Anvesh-24 on 12 Jan 2024 to 13 Jan
- Darsh Amin Dnyaneshwari Yadav secured 1st place in 60 sec challenge held during Anvesh-24 on 12 Jan 2024 to 13 Jan 2024.

PRIZE WINNERS

- Gauri Ambre, Komal Patil and Krishna Kadlak secured 2nd place in masterchef held during Anvesh-24 on 12 Jan 2024 to 13 Jan 2024.
- Vrushabh Shinde was selected as popular choice for red carpet held during Anvesh-24 on 12 Jan 2024 to 13 Jan 2024.



ANVESH 2024

ARTICLES BY STUDENTS

Technical articles

Printing the Future: A Glimpse into the World of Tomorrow's 3D Printing:

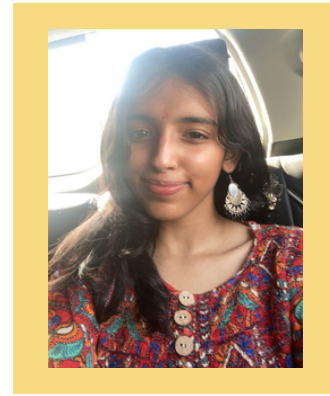
3D printing is rapidly becoming a transformative technology, and the future promises even more exciting developments. From new materials to personalized household objects, bioprinting, and construction, 3D printing is poised to reshape our world in profound ways.

Materials innovation is at the forefront of 3D printing's future. Biocompatible materials, sustainable materials derived from recycled waste or organic sources, and super-strong materials capable of withstanding extreme conditions are just a few examples of what's to come.

Desktop 3D printers are becoming more affordable and user-friendly, democratizing access to personalized household objects and even food printing. Educational tools printed in minutes could transform classrooms, fostering hands-on learning and sparking creativity.

Bioprinting holds immense potential for regenerative medicine, with the printing of replacement skin tissues or even functional organs. This technology could revolutionize healthcare, offering personalized solutions and potentially overcoming organ donor shortages.

Imagine large-scale 3D printers constructing buildings and infrastructure with unprecedented speed and efficiency. Customized houses printed on-site, disaster relief efforts benefiting from rapid 3D printing, and more.



As 3D printing integrates with AI and robotics, expect a collaborative future. Robots guided by AI could print complex structures or perform delicate repairs on-site. This synergy could lead to autonomous 3D printing systems capable of operating independently, further transforming manufacturing and construction processes.

-Yaashika Murpani, AO4I

Robots in White Coats: Exploring the Future of Medicine

Robotics is a multidisciplinary field that encompasses the design, construction, operation, and use of robots. Robots are autonomous or semi-autonomous machines that can perform tasks with varying degrees of complexity, often to automate tasks that are dangerous, repetitive, or labor-intensive for humans. They play a crucial role in various industries, from manufacturing and healthcare to space exploration and entertainment.

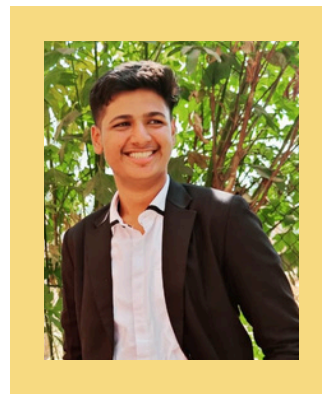
One of the key aspects of robotics is autonomy. This means that robots can operate on their own, without constant human control. They can sense their surroundings, make decisions based on that information, and carry out tasks accordingly.

Precision at its finest:

Imagine a future where robots, equipped with advanced AI and microscopic dexterity, perform minimally invasive surgeries with unparalleled precision. This is already happening with robotic-assisted surgery, but future advancements promise even greater autonomy and accuracy. Microscopic robots could navigate intricate bodily landscapes, delivering targeted treatments and minimizing collateral damage.

Personalized care, on-demand:

Robots won't just be surgeons; they'll be companions and caregivers too. Imagine robots that monitor your health, analyze your vitals, and even provide emotional support. These robots could become invaluable tools for managing chronic conditions, offering personalized guidance and reminders, and even detecting early signs of illness.



Nanobots the microscopic revolution:

Microscopic robots, or nanobots, could become the ultimate medical allies. Imagine tiny robots swimming through your bloodstream, delivering medication directly to diseased cells or even performing microscopic surgeries from within. This technology, while still in its early stages, holds immense potential for treating a wide range of diseases, from cancer to Alzheimer's.

Revolutionizing rehabilitation:

Rehabilitation robots are already helping patients regain mobility and function after injuries or surgeries. But the future promises even more personalized and immersive experiences. Imagine robots that tailor their assistance to individual needs, providing real-time feedback and motivation, and even creating virtual reality environments for enhanced therapy.

Ethical considerations and challenges:

While the future of medical robotics is exciting, it's crucial to address ethical concerns. Issues of data privacy, accessibility, and potential job displacement need careful consideration. Additionally, ensuring the safety and efficacy of these technologies will be paramount.

- Aradhya Bohrade, AO6I

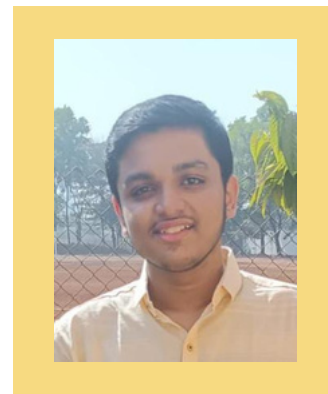
AI: Cultivating the Future of Agriculture

Agriculture is the backbone of civilization, but it faces numerous challenges. Feeding a growing population with limited resources, combating climate change, and ensuring food security are just a few of the hurdles that must be overcome. Fortunately, there is a beacon of hope on the horizon: Artificial Intelligence (AI). AI is poised to revolutionize agriculture, transforming it from a traditional practice into a data-driven, sustainable, and highly efficient industry. The potential of AI in agriculture is immense, and it's time to embrace this technological revolution.

Precision agriculture is at the core of AI's impact on agriculture. By using AI-powered sensors and drones to gather vast amounts of data on soil health, crop growth, and environmental conditions, farmers can get real-time insights into their fields. They can know exactly where their crops need water, fertilizer, or pest control, maximizing yield while minimizing waste. This precision approach optimizes resource usage, leading to increased profitability and environmental sustainability.

AI's predictive power is another game-changer. By analyzing historical data and weather patterns, AI models can predict crop yields, disease outbreaks, and even optimal planting times. This empowers farmers to make informed decisions, proactively addressing challenges and mitigating risks before they impact their crops. The result is a more efficient and sustainable food production system.

Autonomous robots powered by AI are also transforming agriculture. Imagine robots that can weed fields with laser precision, eliminating the need for harmful herbicides. Or robots that tirelessly harvest crops, reducing labor costs and ensuring consistent quality. These robotic helpers will free up farmers' time for strategic planning and decision-making, making the industry even more efficient.



AI can also revolutionize animal husbandry. Wearable sensors can monitor the health of individual animals, detecting diseases early and preventing outbreaks. AI-powered cameras can track animal behavior, optimizing feeding schedules and ensuring their well-being. This leads to higher quality and more sustainable livestock production, benefiting both animals and farmers.

Although the potential of AI in agriculture is immense, challenges remain. Data access and infrastructure need improvement, particularly in rural areas. Ethical considerations regarding data privacy and job displacement must also be addressed. However, by embracing AI, we can cultivate a future where food security and environmental well-being are no longer distant dreams but a flourishing reality.

In conclusion, AI is not here to replace farmers but to empower them. By providing valuable insights, automating tedious tasks, and enabling proactive decision-making, AI will transform agriculture into a more sustainable, efficient, and productive industry. It's time to embrace this technological revolution and cultivate a brighter future for agriculture.

- Chirag Patil, AO6I

RESULT ANALYSIS

Rank Holders - Summer Examination 23-24

AO6I



Aditya Pathare, 95.21%



Chirag Patil, 91.82%



Rachit Patil 90.48%

AO4I



Faizan Shah, 93.26%



Alisha Shaikh 89.32%

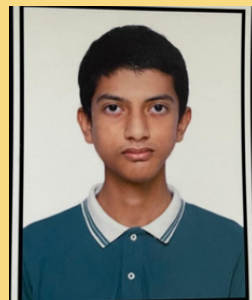


**HEENA
TAHILRAMANI, 88.63%**

AO2K



Dhanashree Babar 85.16%



Parth Koyande 84.83%



Afsheen Shah 83.78%

EDITORIAL MEMBERS

The Team...



ARADHYA BORHADE (AO6I)



ADITYA PATHARE (AO6I)



MENTOR - Santosh Mulye



CHIRAG PATIL (AO6I)



YAASHIKA MURPANI(AO4I)



ADVAIT SALUNKHE (AO2K)



KRISH KESWANI(AO2K)