

It gives me immense pleasure to pen this message for **DRISHTI – August, 2023 Volume**, the monthly newsletter for Government Residential Women’s Polytechnic, Latur. The institute has made tremendous progress in all areas academic, non-academics, capacity building relevant to staff and students. The institute has achieved another milestone in acquiring NBA (National Board of Accreditation) for Electronics & Communication Engineering Department. The race for all other departments has already begun. I am confident that this issue of DRISHTI has blazed a trail amongst the staff, students and the person who are interested in the Technical education and Technology based activities. A News Letter is like a mirror which reflects the clear picture of all sorts of activities undertaken by an institute and develops writing skills among students in particular and teaching faculty in general. I congratulate the Editorial Board of this News Letter who have played wonderful role in accomplishing the task in record time. Also my heartfelt Congratulations to all the staff members and students for their fruitful efforts!!!

With Best Wishes,
Dr. Kamlakar Manikrao Bakwad
Principal,
Govt. Residential Women’s Polytechnic, Latur

The Editorial Team

Mrs. K. G. Giri, Lecturer (ET)
Mrs. A. S. Bhandare, Lecturer (ET)
Mrs. N. M. Jadhav, Lecturer (ET)
Mr. A. B. Mohale, Sr. Clerk
Ms. Aditi Shinde, ET3I



To become Centre of Excellence providing quality technical education and training to make self reliant and responsible citizens.



To provide conducive environment for quality education

To extend facilities and services for excellence in technical education.

To inculcate values and ethics for life long learning through curricular, co-curricular and extra curricular activities.

To enhance the skills of faculties and staff through quality improvement training programmes and higher education .



Events Gallery

1. Annabhau Sathe Jayanti celebration in the institute



Lokshahir Annabhau Sathe Jayanti celebration

The Lokshahir Annabhau Sathe Jayanti was celebrated in the institute on 01st August, 2023, marking the birth anniversary of a great social reformer, folk poet, and writer from Maharashtra. All the faculty members along with the Official Staff greeted the legend for his notable contribution in the upbringing of the deprived society.

2. Krantisinha Nana Patil Jayanti Celebration

The Lokshahir Annabhau Sathe Jayanti was celebrated in the institute on 03rd August, 2023, marking the birth anniversary of this great Indian independence activist and freedom fighter. His contribution for the independent State of Maharashtra is remarkable. All the faculty members along with the Official Staff greeted the legend for his notable contribution.



Krantisinha Nana Patil Jayanti celebration

3. Hon. Joint Director, Shri. U. T. Nagdeve visited the institute



Dr. K. M. Bakwad, I/C Principal, welcoming Hon. Jt. Director, Shri. U. T. Nagdeve



Class - 3 Association members welcoming Hon. Jt. Director, Shri. U. T. Nagdeve



Tree Plantation at the hands of Hon. Jt. Director, Shri. U. T. Nagdeve

Hon. Joint Director, Aurangabad Region Shri. U. T. Nagdeve, visited the institute on 05th August, 2023. During his visit, he guided the faculty and staff members regarding the First year and Direct Second Year admission process 2023-24. Shri. M. K. Suryawanshi, Admission process incharge co-ordinated for the same. Also the agenda for the visit included academic activities planning for the year 2023-24. Ms. M. G. Mulge, Academic Co-ordinator, and Ms. A. S. Bhandare, Asstt. Academic Co-ordinator presented all the necessary details. He also persuaded the departments regarding NBA readiness and current SFR for each department. Mrs. K. G. Giri co-ordinated regarding NBA related documents. He also congratulated Dr. K. M. Bakwad, HOD (ET) for his new beginning as Incharge Principal, GRWP, Latur. Mr. Vishal Nitawre, Principal, P. L. Govt.

protect the nation. Mrs. P. R. Aitwade, HOD (DDGM), Mr. S. J. Bagare, HOD (Civil), Mrs. N. M. Jadhav, Lecturer (ET), Mrs. A. S. Gadgikar, Lecturer (CO) and Mrs. R. M. Sathe, Lecturer (MU) co-ordinated for this event.

6. Independence Day Celebration



The Independence Day was celebrated in the institute with great enthusiasm. A Tree Plantation Programme – 'One Individual, One Tree' was arranged in the institute on 15th August, 2023 marking Independence Day Celebrations and a part of Azaadi ka Amrit Mahotsav Celebrations. Students also participated in the patriotic songs competition and elocution arranged by the Gymkhana. Mrs. R. V. Kotalkar, Lecturer (Physics) and Mr. J. C. Rathod, Lecturer (Mechanical) co-ordinated for the successful conduction of the event.

7. Eco friendly Rakhi Workshop

The Dress Designing and Garment Manufacturing Department in association with NSS team, GRWP Latur, and Green Vruksh Team at Govt. Residential Women's Polytechnic Latur, an Ecofriendly Rakhi Making Workshop was conducted in DDGM Department. 1500 rakhis were prepared by the students and distributed to the students for this camp. Green Vruksh Team headed by Dr. Pawan Ladda as well as Vaishali Londhe, Shweta Londhe guided the students for protection of natural resources and sustainable development. Dr. K. M. Bakwad, Hon. Principal, Mrs. P. R. Aitwade Head of Department DDGM congratulated the students for their efforts. Mrs. Anagha Gadve, Lecturer DDGM, All guest lecturers, Mr. J. C. Rathod, Lecturer Mechanical & Mrs. R. V. Kotalkar, Lecturer Physics, the NSS team also supported for the successful conduction of the event.



8. First Year Parents Meet



The first year parents meeting was conducted on 21st August 2023 at Rajshree Shahu Maharaj Auditorium of Government Residential Women's Polytechnic, Latur. Around 600 to 700 parents attended the event. This event was an attempt by the institute to introduce the excellent academic culture and the physical amenities to the parents of newly admitted students in the first year. First year admission in-charge Mr. M. K Suryavanshi, and Mr. V. D. Sangvikar, Mrs. R. V. Kotalkar, Mrs. A. A. Biradar co-ordinated together for this mega event. Dr. KM Bakwad, Hon. Principal, presided over the meeting and aptly guided them in his lucid techniques. Mr. I. S. Awale, Mr. S. D. Rathod, HOD, Computer, Mrs. P. R. Aitwade, HOD, DDGM, Mrs. S. A. Hartalkar, HOD, MU, Mr. S. J. Bagre, HOD CE also guided the students for their respective branches. Mrs. A. A. Gadve, Lecturer DDGM & Rector guided the students for a hassle free stay in the hostel premises. Mr. A. B. Mohale, Student Section guided the

students for different scholarship schemes and activities. Mrs. R. V. Kotalkar compeered for the event and Mrs. R. M. Sathe proposed the vote of thanks.

9. Damini Pathak visit to the institute

The officials of Damini Pathak, Latur visited the institute on 26th August, 2023. The officials visited the institute to emphasize on girl students security in the institute. They also guided the students about women helpline in case of any distress situation. Dr. K. M. Bakwad, Hon. Principal, GRWP, Latur also guided the students.



10. MU department students Industrial Visit at Chakote Foods, Latur

An industrial visit was conducted at Chakote Foods, Latur, for MU3I students on 31st August, 2023. 43 students were acquainted with industrial automation, food processing and quality maintenance standards. Students were accompanied by faculty members Mrs. S. A. Hartalkar, Mrs. R. M. Sathe, Mr. K. K. Dixit, Ms. T. F. Shaikh and

Mrs. S. K. Shinde. Mr. M. G. Malge helped for the successful conduction of the visit.

11. Sadbhavana Divas Celebration

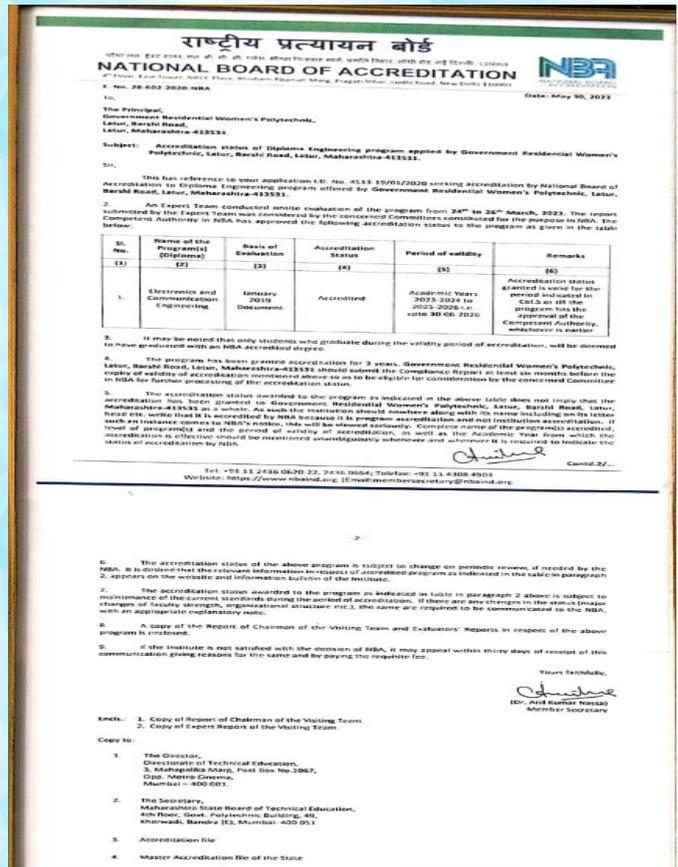
Sadbhavna Diwas was observed in the institute on 20th August, 2023, marking the 79th birth anniversary of India's Former Prime Minister Rajiv Gandhi. This day is observed as 'Sadbhavna Diwas' or 'Harmony Day' with the objective to encourage national integration, peace, affection, and communal harmony among the Indian people of all religions. All the faculty members took oath to promote national integration and communal harmony among people of all religions and languages.





The Department of Electronics & Communication Engineering has been awarded accreditation for a period of 03 years from 2023-24 to 2025-26 by the National Board of Accreditation, New Delhi.

The committee visited the institute from 24th to 26th March, 2023.



Fly D Fashion 2023 fashion Show and Model hunt is largest and prestigious modeling and designer hunt contest organized by Shri Sai Media group in Latur on 2 August 2023. 20 Models and 20 Designers from all over Maharashtra participated in the contest. Fashions made entirely from khadi with block prints were showcased on the grand runway and judged by an esteemed panel designers and celebrities. Each team designed two unique garments and presented on the runway. Leading designer Kanchi Shinde, Payal D and Tejashri Meher judged the modeling hunt & designer hunt.

Top Model of the pageant was awarded to Ms. Shravani Kulkarni, III Yr. DDGM with the cash prize of whopping Rs. 11000/- and Sharvari Gadve, III Yr. DDGM. was awarded as second runner up.

Heartiest Congratulations from the entire institute!!!



Women at
#Work
#Inspiration



Dr. Ritu Karidhal

Scientist
Indian Space Research Organisation
(ISRO)

Dr Ritu Karidhal Srivastava,

The woman behind Chandrayaan-3 mission

The Indian Space Research Organisation (ISRO) successfully launched Chandrayaan-3 at 2.35 PM IST on July 14.

With an aim of a moon exploration mission, Chandrayaan-3 was launched from Satish Dhawan Space Centre in Sriharikota, Andhra Pradesh. The objective is to explore and know about the South pole of the moon. After its successful landing, India is the fourth country to accomplish this after the US, Russia and China and the first to land on the South pole of the moon. The mission is led by Dr. Ritu Karidhal Srivastava, one of the senior scientists at the Indian Space Research Organisation (ISRO).

Popularly known as the "rocket woman" of India, Srivastava is from Lucknow, India. She pursued a Bachelor's degree in Physics from Lucknow University. Later, she received her ME in Aerospace Engineering from Indian Institute of Science (IISc).

Srivastava joined ISRO in 1997 and was the Mission Director of Chandrayaan-2 and the Deputy Operations Director of Mangalyaan. She has published over 20 papers in journals both national and international. Growing up, she had a collection of paper cuttings of ISRO and NASA. Karidhal has always been interested in space and aimed at doing something unique.

Moreover, she has also backed many awards to her name like 'ISRO Young Scientist Award' by former President APJ Abdul Kalam, 'ISRO Team Award for MOM (2015)', 'ASI Team Award', 'Women Achievers in Aerospace, (2017)' by Society of Indian Aerospace Technologies & Industries (SIATI). Dr Ritu Srivastava, aka the 'Rocket lady', has been hailed as an incredible asset to ISRO and India.

Her groundbreaking achievement in the form of the Chandrayaan-3 mission to the moon has garnered immense praise from netizens. "It is inspiring to see such super scientists like Dr. Srivastava pushing the boundaries of space exploration and paving the way for more breakthroughs in the future". The success of Chandrayaan-3 has catapulted Dr. Srivastava to national stardom. Netizens have hailed her dedication, with one stating, "Dr. Srivastava's work in space exploration is truly inspiring." Another remarked on the educational value of her achievements, noting its importance for academic research on Chandrayaan-3. For India, Dr. Ritu Karidhal Srivastava isn't just a scientist; she's a beacon of inspiration, exemplifying that with passion and dedication, the stars are not the limit - they're just the beginning.



TRENDING

How Smart Wearables Continue To Steer Technology Towards The Future

Smart wearables are revolutionising the tech industry due to the advances in sensors supported by artificial intelligence (AI). Gone are the days when only flagship launches like an iPhone would dictate the trajectory of handheld technology. Currently, the fastest-growing element of 21st century gadgets is wearable technology, which has already surpassed smartphones. The Covid-19 pandemic, too, has led to the inevitable surge of smart wearable technology. Having realised the importance of health in our lives, more people started using these devices to track their health, to inculcate a more active lifestyle, and to make a style statement. As per IDC's report, India's wearable market grew by 178%, with more than 12 million units shipped in the same quarter. Home-grown brands have played a significant role in building this ecosystem and driving consumer interest towards this category.



Over the years, smartwatches have become more affordable, are packing bigger and better displays (think AMOLED, always-on display), have better battery life, and go beyond step tracking.

Mapping the popularity of smart wearables

Smartwatches have revolutionised how we look at technology. More than a means of communication, wearables are increasingly being looked at as companions in our fitness journey.

Bluetooth calling: While consumers look at smartwatches to do more, Bluetooth calling is still one of the most sought-after features. All smart wearables come with this technology that makes synchronisation with smartphones possible. Earlier, this feature was available only in high-end smartwatches, but now even a Rs 2,000 smartwatch offers this feature.

Safety: Smartwatches come with tracking devices that can aid in the tracking of location - for genuine reasons, of course. This feature comes in handy for parents who wish to track the location of their minor kids. Moreover, the SOS feature on smartwatches can help any user alert either their loved ones or emergency services to get the help they need. According to CDC, falls are the leading cause of injury-related death among people over the age of 65 years. Smartwatches today can detect a fall and alert emergency services and thus help in saving lives. Currently, this feature is being offered by only a handful of high-end smartwatches, but it is already becoming mainstream. Many documented case studies have shown how this feature has helped save lives. With time, smartwatches will get even better at detecting falls, and there will be fewer false alarms.

Ease of use: Most smartwatches are easy to use. They can be easily carried anywhere, and navigating the menu through a crown or touch-based UI is intuitive. The watches allow users to multi-task using a split-screen view. They also come with pre-installed games and have a eSIM slot which enables them to be more than mere companions to your smartphones.

Voice Assistants: Smartwatches are evolving, and from an easy touch interface, people are now moving to voice-activated virtual assistants. Most smartwatches support Apple Siri, Google Assistant, and Alexa. This feature allows users to talk directly to the watch and perform most tasks hands-free.



Healthy lifestyle: One of the most notable features of smartwatches is that they enable users to lead a healthier lifestyle. From blood pressure and body temperatures to SpO2 levels, menstrual cycles, and ovulation dates, smartwatches are increasingly helping users achieve their fitness and life goals. With the help of the smartwatch and their companion apps, users can record all their health-related data, which can be used for medical analysis. The analysis provided by these apps can enable users to track variations and reach their

health goals faster. The users can also record their calorie intake and outdoor exercise and have a detailed overview of their fitness routine. Apart from this, smartwatches also send regular reminders, such as reminders to hydrate and practice mindfulness. Some of the apps and wearables can also enable medical practitioners to gauge key parameters and prescribe remedies, thus improving an individual's quality of life.

The future of wearables

Sensor, semiconductor, and AI advancements are propelling the rapid advancement of smartwatch technology. For instance, some modern smartwatches have optical sensors that continuously track changes in blood volume and composition using a process known as photoplethysmography (PPG). Many advances are being made that will allow smartwatches to record ECG and even alert emergency service, thus playing a vital role in saving lives. Till now, most of these features were available only in high-priced watches. However, with the democratisation of technology and the Make-in-India wave, many of these features are being packed into affordable smartwatches.

From being an accessory to being an integral part of our lives, wearables have come a long way. Medical papers and studies are concluding that smartwatches and fitness trackers can not only help detect things like atrial fibrillation or stroke but can also help in rehabilitation for patients. Through constant monitoring and nudges, they can help change behaviour and lifestyle and motivate users to make healthier choices. They can push them in the right direction, leading to improved quality of life or a shorter period of rehabilitation. In the future, these devices will become more powerful, compact and economical and help track biometrics in real-time.

Soon, we can expect smartwatches to not only accompany smartphones but also to become one with them, eliminating the need for dual devices. Until then, smartwatches will continue to act as aids for realising one's health goals and expanding on the capabilities of one's smartphone.





Toppers

Computer Engineering



Potdar Komal Mahadev

III CO
93.72%



Pandilwar Srushti Satyajit

III CO
93.71%



Kshirsagar Gouri Sambhaji

III CO
92.11%



Biradar Tanuja Rajkumar

II CO
93.20%



Gaikwad Siddhi Lalasaheb

II CO
92.13%



More Pallavi Raju

II CO
92.00%



Shaikh Fiza Dadamiya

I CO
91.62%



Kedar Mayuri Mahadev

I CO
87.50%



Dalimbe Gayatri Sanjay

I CO
86.13%

Electronics & Communication Engineering



Biradar Sakshi Somnath

III ET
88.24%



Birajdar Ankita Mahavir

III ET
88.18%



More Pragati Chandrakant

III ET
87.41%



Biradar Neha Devidas

II ET
85.94%



Gangthade Vaishnavi
Rameshwar

II ET
80.74%



Varape Bhagyashri Vitthal

II ET
74.40%



Bardapure Kanchan Nagnath

I ET
88.20%



Nadarge Rutuja Ramesh

I ET
87.33%



Gaddime Neha Shridhar

I ET
85.07%

Civil Engineering



Jadhav Trupti Govind

III CE
94.00%



Pawar Kajal Hanumant

III CE
93.74%



Naikwade Amruta Shriram

III CE
93.53%



Kore Vaishnavi Santosh

II CE
92.29%



Shinde Anjali Sanjay

II CE
89.11%



Gokade Nivedita Nilkanth

II CE
86.64%



Ghadle Vaishnavi Dattatray

I CE
87.21%



Munde Shravani Eknath

I CE
84.89%



Gaikwad Vedika Santosh

I CE
82.00%

Medical Electronics



Baride Supriya Abasaheb

III MU
91.55%

Choithve Jana Bhagvat

III MU
91.44%

Vatne Nikita Ganesh

III MU
90.11%

Pawar Srushti Harishchandra

II MU
85.94%

Kotalwar Amruta Mahadev

II MU
82.57%

Kothawale Gayatri Balasaheb

II MU
81.14%

Surwase Shraddha Govind

I MU
88.27%

Bhagwat Shweta Bhagwan

I MU
84.40%

Sorde Ratnamala Shivshankar

I MU
80.12%

Dress Designing & Garment Manufacturing



Gund Shruti Madhukar

III DDGM

86.70%



Dhaygude Amruta Sanjay

III DDGM

86.60%



Naswale Amruta Santosh

III DDGM

83.00%



Kulkarni Shravani Saroj

II DDGM

84.00%



Mule Gauri Nilesh

II DDGM

81.80%



Misal Namrata Rajabhau

II DDGM

83.00%



There Nandini Vijay

I DDGM

90.06%



Naubadepatil Sharvari Somnath

I DDGM

89.22%



Sutar Sanika Ramesh

I DDGM

87.22%

