



Maratha Vidya Prasarak Samaj's

Rajarshi Shahu Maharaj Polytechnic, Nashik

Udoji Maratha Boarding Campus, Near Pumping Station, Gangapur Road, Nashik-13.

Affiliated to MSBTE Mumbai, Approved by AICTE New Delhi, DTE Mumbai & Govt. of Maharashtra, Mumbai.

RSM POLY NEWSLETTER – DEC 2019

ABOUT MVP SAMAJ

The **Maratha Vidya Prasarak Samaj** is one of the most prestigious centers of learning in the State of Maharashtra. It manages 485 educational units and is one of the premier educational hub in the Nashik district.

At present, more than 2 lakhs of students are pursuing education. Over past 105 years, the institute has stood the test of time to become legend of unparalleled stature. History says that the credit for the birth of M.V.P. Samaj goes to the young, enthusiastic & devoted team of social workers and educationists who were inspired by the lives of Mahatma Jyotiba Phule, Savitribai Phule and Rajarshi Shahu Maharaj of Kolhapur. These young leading lights include Karmaveer Raosaheb Thorat, Bhausaheb Hire, Kakasaheb Wagh, Annasaheb Murkute, Ganpat Dada More, D. R. Bhonsale, Kirtiwanrao Nimbalkar and Vithoba Patil Khandalaskar, who laid the foundation of the Samaj. They were the men who envisioned the culture and knowledge centric society. The great visionaries of MVP Samaj rightly laid the "Well being and happiness of masses" as the motto for the samaj.

ABOUT RSM POLYTECHNIC

The **Rajarshi Shahu Maharaj Polytechnic** has been established in the year 2008, at the central place in Nashik. It is affiliated to MSBTE, Mumbai and approved by Government of Maharashtra, DTE Mumbai and the AICTE, New Delhi. The Polytechnic is in the process of Accreditation and Gradation. The Polytechnic has well-equipped and well furnished laboratories, workshop and hostel facilities. Every department has separate computational facilities along with LAN, Wi-Fi and necessary softwares. At present the RSM Polytechnic provides three-year courses leading to Diploma in Engineering of MSBTE, Mumbai in the five disciplines: Mechanical Engineering, Computer Technology, Electrical Engineering, Electronics and Telecommunication Engineering and Information Technology.

VISION AND MISSION

VISION:

- To Empower the Common Masses by providing Quality Technical Education.

MISSION:

- To create and implement innovative best practices to achieve academic excellence.
- To enhance the overall development of students by imparting essential skills.
- To inculcate principles of professional activities by promoting industry institute interaction and entrepreneurial skills.
- To create an environment awareness for sustainable development.

MVP RSM Polytechnic

1. Smriti Din of Adv. Vitthalrao Hande (16th Dec 2019)



'Smriti Din' of Karmveer Adv. Vitthalrao Hande was celebrated in the institute by faculties and supporting staff members.

2. Distribution of Blue Cross's Scholarship (21th Dec 2019)



Hon. Sarchitnis Smt. Nileematai Pawar had distributed Blue Cross Scholarship to Students of MVPS's Rajarshi Shahu Maharaj Polytechnic.

3. Mathematics Day Celebration (22th Dec 2019)



The World Mathematics Day was celebrated on the occasion of the Birth Anniversary of Srinivasa Ramanujan in the institute by faculties and supporting staff members.

4. MVPS's RSM e-Yantra Team Task 4 Completion (14th Dec 2019)



RSM E-Yantra team has successfully completed the experimental task of turning ON and OFF of Buzzer for 5 times at interval of 4 seconds using timer and displaying numbers 1 to 10 at interval of 1 second using timer on ATMEEL based controllers on Robot Firebird-V under the e-LSI of IIT Bombay, Mumbai on 14th Dec 2019.

5. MVPS's RSM e-Yantra Team Task 5

Completion (30th Dec 2019)



RSM E-Yantra team has successfully completed the experimental task of moving Robot in 'S' shape and controlling the speed of Robot using PWM wave and interfacing of Buzzer to control speed every time it is pressed on ATMEL based controllers on Robot Firebird-V under the e-LSI of IIT Bombay, Mumbai on 30th Dec 2019.





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NEWSLETTER: DEC 2019

Mechanical Engineering Department			Computer Technology Department		
Sr. No.	Activities	Date(s)	Sr. No.	Activities	Date(s)
1.	Industrial Visit to Solar Tree Plant	14 th Dec 2019	1.	Industrial Visit to Arena Animation Academy	18 th Dec 2019
Information Technology Department			Electrical Engineering Department		
1.	Workshop on Cloud Computing	14 th Dec 2019	1.	Industrial Visit to Solar Tree Plant	14 th Dec 2019
			2.	Guest Lecture on Smart Grid	30 th Dec 2019
			3.	Guest Lecture on Microcontroller applications.	31 st Dec.2019
Electronics & Telecomm Department					
1.	Guest Lecture on Digital Marketing	23 rd Dec 2019			
2.	Industrial Visit to Shivananda Electronics	27 th Dec 2019			

RSM POLY

Department of Mechanical Engg.

1. Workshops/Seminars/FDPs/IVs

- Industrial Visit to Solar Tree Plant (14th Dec 2019)



An Industrial visit was organized on Renewable Energy Technologies for third year students at Navitas Efficens, Nashik by Prof. B. S. Deshmukh of Mechanical Engineering Department.

Department of Computer Technology

1. Workshops/Seminars/FDPs/IVs

- Industrial Visit to Arena Animation Academy (18th Dec 2019)



An Industrial visit was organized on GUI Application Development Using VB.Net for Second year students at Arena Animation Academy, Nashik by Prof. P. D. Boraste of Computer Technology Department.

Department of Info. Technology

1. Workshops/Seminars/FDPs/IVs

- Workshop on Cloud Computing (14th Dec 2019)



Workshop was organized on 'Cloud Computing' for third year students by Prof. V. K. Khedkar. It was delivered by Mr. Gayas Shaikh and Mr. Mayur More (IRT Technologies Pvt. Ltd., Nashik)

Department of Electrical Engg.

1. Workshops/Seminars/FDPs/IVs

- Industrial Visit to Solar Tree Plant (14th Dec 2019)



An Industrial visit was on Emerging trends in Energy organized at Navitas Efficens, Nashik by Prof. S. S. Aher of Electrical

Engineering Department for second year and third year students.

- Guest Lecture on Smart Grid (30th Dec 2019)



Guest Lecture was organized on Smart Grid for Second and Third year students by Prof. A. S. Parkhe. It was delivered by Prof. Jaydeep Shaha, Assistant Professor Electrical Department, KKWIEER, Nashik

- Guest Lecture on Microcontroller Applications (31st Dec.2019)



Guest Lecture was organized on 'Microcontroller Applications' by Prof. S. S. Aher for second year students. It was delivered by Prof. S. D. Nikam, Assistant Professor, Instrumentation Department, KBTCE.

Department of E & TC Engineering

1. Workshops/Seminars/FDPs/IVs

- Guest Lecture on Digital Marketing (23rd Dec 2019)



Guest Lecture was organized on Digital Marketing for second and third year students by Prof. P. G. Deshmukh. It was delivered by Alumnus of E & TC Department Mr. Mohit Kirve (MK Research, Nashik)

- Industrial Visit to Shivananda Electronics (27th Dec 2019)



Industrial visit was organized on Emerging Trends in Electronics & Consumer Electronics by Prof. N. A. Gade for second and third year students at Shivananda Electronics, Nashik.

Trending Technologies

AI-as-a-Service



Artificial Intelligence (AI) is one of the most transformative technological evolutions of our times. As highlighted in book 'Artificial Intelligence in Practice', most companies have started to explore how they can use AI to improve the customer experience and to streamline their business operations. This will continue in 2020, and while people will increasingly become used to working alongside AIs, designing and deploying our own AI-based systems will remain an expensive proposition for most businesses.

For this reason, much of the AI applications will continue to be done through providers of as-a-service platforms, which allow us to simply feed in our own data and pay for the algorithms or compute resources as we use them.

Currently, these platforms, provided by the likes of Amazon, Google, and Microsoft, tend to be somewhat broad in scope, with (often expensive) custom-engineering required to apply them to the specific tasks an organization may require. During 2020, we will see wider adoption and a growing pool of providers that are likely to start offering more tailored applications and services for specific or specialized tasks. This will mean no company will have any excuses left not to use AI.

(Reference
<https://www.forbes.com/sites/bernardmarr/2019/09/30/>)

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**Happy National Mathematics Day,
Farmer's Day
and
Merry Christmas to All Readers
on the behalf of
Principal, Faculty, Supporting Staff
and Students.**

**Dr. D. B. Uphade
Principal**

**Prof. A. P. Patil
Lecturer, Dept. of IT**