



# मराठी विज्ञान परिषद

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## Sir Mokshagundam Vishweshvarayya Award in Engineering

What could be the factors responsible when a country prospers, the standards of living improve or when wealth is created on a large scale? Many things could be responsible; and they are all important. But a quick look at the world's richest nations would reveal the most important factor is 'Science and Technology' and research in it, the innovative concepts and the scientific outlook of the overall society. If we want prosperity, enrichment of common man and to get rid the farmers of the evils of suicide; Science & Technology alone is the only way for which there isn't any scarcity of intelligence. We have brilliant students, a high-quality research expertise, good laboratories and universities. But the success of generating wealth based on science-technology is very minimal.

The reason behind this would be, that the scientific research is not in consistent with the needs of society; the problems selected for research are different from the needs. Under the circumstances, there won't be a creation of technology from research and wealth as a result! But despite this situation, there are enthusiasts with their technologies reaching out to the society; their work is inspirational. Marathi Vidnyan Parishad has therefore decided to honor such researcher by awarding him/her an award in the name Sir Mokshagundam Vishweshvarayya, one of the most successful engineers in this country and it will be appropriate to give award on National Engineers Day i.e. on 15th September every year.

Marathi Vidnyan Parishad – from the donations it received of Rs. 2 lakh – has decided to give an award of Rs. 10,000/- every year on 15th September, the National Engineers Day, from 2018 up to 2027.

Bharat Ratna Sir Mokshagundam Vishweshvarayya (September 15, 1861 to April 12, 1962) was the finest engineer; born in Karnataka, native Telugu - Mokshagundam village in Kurnool area of Andhra Pradesh. Primary education in Chikk-Ballapur in Karnataka and later in 1880 passed BA at Bangalore's Central College, in extremely unfavorable conditions but in special excellence. After BA he came to Pune and became a Civil Engineer from the College of Engineering, Pune in 1883. In this examination he stood first in the then Bombay province. After that he did his first job at Nashik, Khandesh and Pune in the then Bombay State. In 1903, when he was on the Khadakvasla dam in Pune, he developed automatic sluice gate valves to prevent the dam from being unsafe due to floods; this became a unique of its kind and was subsequently used on Tigra Dam at Gwalior and Krishnaraja Sagar Dam, Mysore. In 1906, he provided water and sewage arrangements at Aden. While developing flood control schemes for the city of Hyderabad, he also constructed Osmanasagar and Hussainasagar lakes to handle the water scarcity; this is useful even today. He was instrumental in developing a system to protect Vishakhapatnam port from sea erosion. He worked for Bihar's Mokam bridge on Ganga river. Later, after being Diwan of Mysore, he built Krishnaraj Sagar dam on the Kaveri river, started the Mysore Soap Factory, started the Mysore Iron and Steel Factory, and institutes like Paracitold Laboratory, Jay Chamraj Polytechnic, Bangalore University, College of Engineering, Bank of Mysore, Mysore Chamber of Commerce , Kannad Council. With his inspiration Walchand Hirachand started Hindustan Aircraft and Premier Automobile Companies. He was awarded the Bharat Ratna in 1955.

On the birthday of such eminent engineer, a National Engineers Day is celebrated every year on 15th September, throughout India.



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## Rules for the award:

1. This award is instituted by Marathi Vidnyan Parishad (MaViPa).
2. The award is for a period from 2018 up to 2027.
3. **The award is in commemoration of Sir Mokshagundam Vishweshvarayya.**
4. Every year one branch of Engineering will be chosen, and the award will be given to a researcher of the said Engineering branch having produced research work to the benefit of the society.
5. Civil Engineering & Chemical Engineering disciplines were chosen for 2018 & 2019 respectively; **the year 2020 is for Mechanical Engineering.**
6. The entries for the award shall be sent through the link given on Marathi Vidnyan Parishad website **[www.mavipamumbai.org](http://www.mavipamumbai.org)** before 15<sup>th</sup> August, 2020. Candidate shall have a valid email id of any domain.
7. The award will be conferred every year on 15<sup>th</sup> September in one of the Engineering Colleges in Mumbai. However, if 15<sup>th</sup> September falls Sunday the program will be held on the day prior or on the following day. The awardee will present his work in 30 to 45 minutes by power point presentation in the award distribution ceremony. The outstation awardee will not get travelling expenses.
8. **The award will be of Rs. 10,000/- and a memento with citation.**
9. A selection committee constituted will select the awardee from the entries received and its decision will be final.
10. For calling entries, a request will be published in the leading newspapers of Mumbai in June-July-August and on the website (**[www.mavipamumbai.org](http://www.mavipamumbai.org)**) of Marathi Vidnyan Parishad.
11. **The entry shall be through the link given on website and shall contain full name, birth date, education, place of work, email address, mobile number and detailed description of work with illustrations/drawings/photos.**
12. **Award will be given to a participant having age up to 40 years on the 15<sup>th</sup> September of respective award-year.**
13. The right to relax above rules – if the need be – shall vest with Marathi Vidnyan Parishad.

A. P. Deshpande,  
Hon. Secretary,  
Marathi Vidnyan Parishad