

**Successfully conducted One Week National Level Online Faculty Development Programme on “R Programming” at D Y Patil University Ambi, Talegaon, Pune.**

**Date: 16 May 2020**

D Y Patil University,Pune in association with Spoken Tutorial Project, IIT Bombay has successfully organized One Week National Level Faculty Development Programme on “**R Programming**” from 11May2020 to 16May2020.

This important activity was carried out under the aegis of “Spoken Tutorial project” which is funded by the **National Mission on Education through Information and Communication Technology (ICT)**, launched by the **Ministry of Human Resources and Development (MHRD), Government of India.**

R is one of the most preferred open-source languages for analytics and data science. The cross-platform compatibility of R and its capacity to handle large and complex data sets makes it an ideal tool for academicians to analyze data in their labs. R can be used for simple calculations, matrix calculations, differential equations, optimization, statistical analysis, plotting graphs, etc. Also, it is useful for anybody who wishes to undertake extensive statistical computations and data visualization allows you to develop custom Artificial Intelligence Apps to deploy within your own organization. It has numerous packages that are used in the field of ML.

**Workshop Name:** One Week National Level Faculty Development Programme on “**R Programming**”

**Participants:** Teachers and Research Scholars.

For this FDP, we have received 311 participants from all over India.

**Date:** 11 May 2020 to 16 May 2020

**Venue:** Online mode.

**Workshop Coordinator:** Mr. Nilesh Wani, Mr. Yuvraaj N N, Mr. Laxmikant Malphedwar.

**Mr. Vinod B Bharat**  
Convenor

**Dr. Rajesh Kherde**  
Principal

**Dr. Saylee Gankar**  
Vice Chancellor, DYPU.

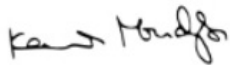


# Certificate of Participation

This is to certify that **SAKSHI TIWARI** participated in the **R** training organized at **D. Y Patil University, Pune** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **R** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay, funded by the National Mission on Education through ICT, MHRD, Govt. of India.

March 15th 2020

  
Prof. Kannan M Moudgalya  
IIT Bombay

Activate Windows  
Go to PC settings to activate Windows.

**This certificate is provided by the Spoken Tutorial Project, IIT Bombay.**

**Dates mentioned in this certificate are considered as semester wise, so the actual dates are not mentioned here, by Spoken Tutorial.**

Total 311 Participation certificates provided.



Spoken Tutorial  
IIT Bombay



D Y PATIL  
UNIVERSITY  
PUNE, AMBI



## D Y Patil University, Pune

Organized

### One Week National Level Online Faculty Development Programme

(To help minimize the impact of the COVID-19 outbreak on Faculty)

11<sup>th</sup> May -16<sup>th</sup> May, 2020

“R Programming”

## Certificate of Participation

This is to certify that, *Mr. Ashish A. Mulajkar* from *D. Y. Patil School of Engineering Academy, Ambi*, has successfully completed One Week National Level Online FDP on “R Programming” organized by *D. Y. Patil University, Ambi, Pune & Spoken Tutorial Project, IIT Bombay* from 11<sup>th</sup> May 2020 to 16<sup>th</sup> May, 2020 Under the Faculty Organizer *Mr.L.S.Malhedwar, Mr.N.N.Wani and Mr.Yuvaraj N.N.*

Mr. Vinod Bharat  
Convener

Dr. Rajesh Kherde  
Principal

Dr. Saylee Gankar  
Vice Chancellor, DYPU

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Ph - +91 844-8444-230

Participation certificates provided by DYPU, Pune.

 <p><b>D Y PATIL UNIVERSITY</b> PUNE, AMBI</p> <p><b>D. Y. Patil University, Pune</b></p> <p>In Association with <b>“Spoken Tutorial Project”</b></p> <p><b>Indian Institute of Technology, Bombay.</b></p> <p>Organizes <b>One Week National Level Online Faculty Development Programme</b> (To help minimize the impact of the COVID-19 outbreak on faculty)</p> <p>On <b>“R Programming”</b> (Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching) <b>11<sup>th</sup> May to 16<sup>th</sup> May 2020</b></p> 	<p><b>CHIEF PATRONS:</b> <b>Hon. Dr. Vijay D. Patil</b> President &amp; Chancellor, D. Y. Patil University, Pune.</p> <p><b>Hon. Mrs. Shivani V. Patil</b> Managing Trustee, D. Y. Patil University, Pune.</p> <p><b>PATRONS:</b> <b>Dr. Sayalee Gankar</b> Vice Chancellor, D Y Patil University, Pune.</p> <p><b>Dr. Rajesh Kherde</b> Principal, DYPSOEA, Ambi, Pune</p> <p><b>CONVENER:</b> <b>Mr. Vinod B. Bharat</b> HoD, Computer Department, DYPSOEA.</p> <p><b>Mrs. Vidya Kadam.</b> Spoken Tutorial Training Manager Spoken Tutorial Project IIT, Bombay.</p> <p><b>CO-ORDINATORS:</b> <b>Mr. Nilesh Wani</b> Asst. Prof. Computer Dept.</p> <p><b>Mr. Laxmikant Malphedwar</b> Asst. Prof. Computer Dept.</p> <p><b>Mr. Yuvaraj N. N.</b> Asst. Prof. Computer Dept.</p>	<p><b>HOW TO APPLY?</b> Participant should register on the following link. The registration link is open till 08 May 2020. Participants will be selected on a <b>First Come First Served Basis</b>. Limited seats are available for the said workshop. <b>E-Certificate will be provided after successful completion of the workshop.</b> <b>Last Date : 8 May 2020 (Thursday)</b> <b>Registration Link:</b> <a href="https://docs.google.com/forms/d/e/1FAIpQLSeC3tmM5imx55sFIZ4RaaipGIRnhDJ2RzvgKNfUpdNTJdWiew/viewform?vc=0&amp;c=0&amp;w=1">https://docs.google.com/forms/d/e/1FAIpQLSeC3tmM5imx55sFIZ4RaaipGIRnhDJ2RzvgKNfUpdNTJdWiew/viewform?vc=0&amp;c=0&amp;w=1</a></p> <p><b>CONTACT PERSONS:</b></p> <ul style="list-style-type: none"> <li><input type="radio"/> Mr. Vinod Bharat (9923001999)</li> <li><input type="radio"/> Mr. Nilesh Wani (9764994653)</li> <li><input type="radio"/> Mr. Laxmikant Malphedwar (9028698796)</li> <li><input type="radio"/> Mr. Yuvaraj N. N. (9743595045)</li> </ul> <p><b>IMPORTANT INSTRUCTIONS:</b></p> <ol style="list-style-type: none"> <li><b>Resource Material Available:</b> <a href="https://spoken-tutorial.org/tutorial-search/?search_foss=R&amp;search_language=English">https://spoken-tutorial.org/tutorial-search/?search_foss=R&amp;search_language=English</a></li> <li><b>Contact Hours : 11:00 am To 5:00pm.</b></li> <li><b>Link to join the What'sapp Group</b> <a href="https://chat.whatsapp.com/HwdvBsItzlu5ShNW27wTLw">https://chat.whatsapp.com/HwdvBsItzlu5ShNW27wTLw</a> <a href="https://chat.whatsapp.com/CF9IC7xQ6ODleYSmC7rTXD">https://chat.whatsapp.com/CF9IC7xQ6ODleYSmC7rTXD</a></li> </ol>
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<p><b>ABOUT D.Y. PATIL UNIVERSITY:</b></p> <p>D Y Patil University offers Engineering, Architecture, Pharmacy, Management and Hospitality &amp; Tourism programme as per the guideline of UGC and AICTE, specially Choice Based Credit System with wide variety of electives in the new areas like Block Chain, Artificial Intelligence, IOT. University is spread over 40 acres and provides state-of-the-art amenities including indoor sports and cricket stadium. Campus has accommodation facility, ATM, Canteen, Transport and Cafe.</p> <p>School of Engineering &amp; Technology is engaged creating the future leaders in engineering, science and technology. Our programmes are designed and delivered to build a foundation in engineering principles. Students are encouraged to collaborate across disciplines to apply skills to real-world problems. Please visit <a href="http://www.dypatiluniversitypune.edu.in">www.dypatiluniversitypune.edu.in</a> for more details.</p> <p><b>ABOUT SPOKEN TUTORIAL:</b></p> <p>Spoken Tutorial is a multi-award winning educational content portal. Here one can learn various Free and Open Source Software all by oneself. Our self-paced, multi-lingual courses ensure that anybody with a computer and a desire for learning, can learn from any place, at any time and in a language of their choice. Please Visit <a href="https://spoken-tutorial.org/">https://spoken-tutorial.org/</a> for more details.</p>	<p><b>ABOUT THE WORKSHOP:</b></p> <p>R is a Free/Libre and Open Source Software (FLOSS) - a well organized and sophisticated Package that facilitates data analysis, modeling, inferential testing, and forecasting. It is a user-Friendly software that allows creating new function Commands to solve statistical problems.</p> <p><b>OBJECTIVES OF COURSE:</b></p> <ul style="list-style-type: none"> <li>✓ To Provide a Platform to the participant to acquire detailed knowledge about open Source R programming Language.</li> <li>✓ To help Teachers to sharpen their technical knowledge.</li> <li>✓ To Understand Statistical analysis using R.</li> <li>✓ To represent research data using basic graphs in R.</li> </ul> <p><b>ELIGIBILITY:</b></p> <ol style="list-style-type: none"> <li>1. Faculties from any University, Faculty of engineering, management institutions at Degree /Diploma levels, of are eligible to participate. All the Participants are required to fill up online registration form before the deadlines.</li> <li>2. The Spoken Tutorial Project team conducts online exam and gives certificate to those who pass (by earning min.40% marks) the online test.</li> <li>3. <b>Registration is FREE for all participants.</b></li> </ol>	<p><b>COURSE CONTENT:</b></p> <p>Please visit, for detail course contents, <a href="https://spoken-tutorial.org/tutorial-search/?search_foss=R&amp;search_language=English">https://spoken-tutorial.org/tutorial-search/?search_foss=R&amp;search_language=English</a></p> <p><b>BENEFITS OF R:</b></p> <ul style="list-style-type: none"> <li>✓ R is an open-source programming language</li> <li>✓ R provides exemplary support for data wrangling.</li> <li>✓ R has a vast array of packages.</li> <li>✓ R is highly compatible and can be paired with many other programming languages like C, C++, Java, and Python.</li> <li>✓ R is a platform-independent language.</li> <li>✓ R provides various facilities for carrying out machine learning operations.</li> <li>✓ Everyone is welcomed to provide bug fixes, code enhancements, and new packages.</li> </ul>  <p><i>Arial View of D Y Patil University, Pune.</i></p>
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