Sadguru Gadage Maharaj College, Karad

(An Autonomous College)
Department of Statistics
Organizes
Two Days Workshop

"Hands on Training using Python Software"

(Under RUSA)

. Title of Activity: "Hands on training on Statistical Analysis using Python"
               (Under RUSA)
2. Date and Venue: 6/08/2022 to 7/08/2022 ; A2-25 Computer Lab.

3. Description of Activity: The Resource person of this training, Mr. Nevase Shrikrishna, Data Analyst, Birlosoft, Pune. For this training syllabus of five modules was designed for two days. In module1 setting up the working environment was discussed. In module 2 linear regressions with statistical models and in module 3 linear regressions with sklearn was discussed. In module 4 he discussed logistic regression, in module 5 cluster analysis and graphical representations of data and interaction was conducted. Also they discuss on how to work on real datasets. This training program is useful for students for data analysis purpose.

4. Outcome of Activity: Students learn following techniques by attending this training.

- To create and interpret data visualizations using the Python programming language and associated packages and libraries.
- To apply and interpret inferential procedures when analyzing real data.
- To apply statistical modeling techniques to data (i.e. linear and logistic regression, linear models, multilevel models, Bayesian inference techniques.)
- To understand importance of connecting research questions to data analysis methods.
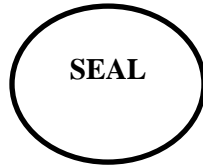
5. Number of Students present/: 44Students and Faculty.
No. of beneficiaries: 44

6. Name of the collaborating Agency: 1) Birlasoft. Pune

HEAD/CHAIRMAN   PRINCIPAL
                                                        S.G.M. COLLEGE KARAD

SEAL