Activity Report

of

"Session on Problem Solving and Ideation Workshop"

SANDIP
FOUNDATION

Organized by

Department of Artificial Intelligence and Data Science , Sandip Foundation's, Sandip Institute of Technology and Research Centre, Nashik.

In association with

Sandip Institute of Technology and Research Centre Institution's Innovation Council (IIC)

**INSTITUTION'S
INNOVATION
COUNCIL**
Sandip Institute of Technology
& Research Centre

Sandip Foundation's

Sandip Institute of Technology and Research Centre, Nashik

Aim:

Session on Problem Solving and Ideation Workshop as One Week **workshop** on **"Introduction to Python Programming"** from (3rd October to 8th October 2022)

Objective:
Students are aware of Python programming as well as able to solve problems in programming and build mini projects on python.

Venue:
AI & DS Department class room and Project Lab .

Conducted By:
Department of Artificial Intelligence and Data Science , Sandip Foundation's, Sandip Institute of Technology and Research Centre, Nashik. In association with Sandip Institute of Technology and Research Centre Institution's , Innovation Council (IIC).

Name of the resource Person:
Prof. Tanvi Deshmukh , Department of Computer engineering, Sandip Institute of Technology & Research, Nashik, Maharashtra, India.

Prof. Sunil Kale , Department of computer engineering, Sandip Institute of Technology & Research, Nashik, Maharashtra, India.

Audience:
Students of Second year Artificial Intelligence and Data Science ,Sandip Institute of Technology and Research Centre, Nashik.

Outcome:
Students are able to understand python coding and write code for mini projects and work on problem solving.
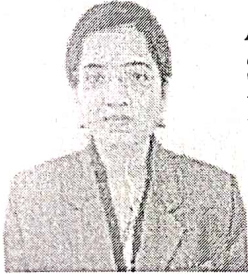
Description of Event:

Session on Problem Solving and Ideation Workshop as One Week workshop on "Introduction to Python Programming" was conducted from (3rd October to 8th October 2022) at Department of Artificial Intelligence and Data Science, SF's Sandip Institute of Technology & Research Centre Nashik, in which around 30 participants from Second year, Artificial Intelligence and Data Science department had participated and they completed the workshop successfully. They attempted their test on python programming and received their workshop completion certificate.
This workshop introduces fundamental concepts, recent advances and research issues in the domain of python programming.The participants obtain deep insights of the python programming language, which in turn helps them to apply it in practice and problem solving to further load the foundation to a deeper study in this area.

The speakers for the one week VAP on "Introduction to Python" were:

Prof. Tanvi Deshmukh ,
Assistant Professor, Department of Information Technology,
Sandip Institute of Technology & Research, Nashik, Maharashtra, India.
E-mail id: tanvi.deshmukh@sitrc.org

Education: Pursuing Ph.D. Computer Engineering from Sandip University, Nashik, Maharashtra, India
Completed M.E. ,Information Technology from Siddhant college of engg., Savitribai Phule Pune University (2016)
Completed B.E :Information Technology from D.Y. Patil college of engg, Savitribai Phule Pune University (2012)

Total Teaching & Research Experience: 3.5 Years.

Research Interests: Machine Learning, Data mining
Research Publications: 03 (International Journals / Conferences).

Prof. Sunil Kale,
Assistant Professor, Department of Information Technology,
Sandip Institute of Technology & Research, Nashik, Maharashtra, India.
E-mail id: sunil.kale@sitrc.org

Education: Pursuing Ph.D.Computer Engineering from Sandip University, Nashik, Maharashtra, India
Completed M.E. – Information Technology from SGGSIE&T Nanded (2015)
Completed B.Tech – Information Technology from Govt. COEP Pune (2011)

Total Teaching & Research Experience: 9 Years.

Research Interests: Image Processing Computer Vision
Research Publications: 03 (International Journals / Conferences).

SF's SITRC, Nashik | DEPT AI & DS | VAP | Session on Problem Solving and Ideation Workshop

The schedule of the one week Faculty Development Program was as below:

Time/ Day & Date	Day 1 (1st August 2022)	Day 2 (2nd August 2022)	Day 3 (3rd August 2022)	Day 4 (4th August 2022)	Day 5 (5th August 2022)
3:00 PM to 3:30 PM	Welcome & Inauguration Ceremony				

3:00 PM to 4:00 PM	Session – I Basic Concepts, History, Syntax, Real-time Uses and Applications of Python Mrs. T. P. Deshmukh	Session – I Data types and operators Mrs. T. P. Deshmukh	Session – I Conditional Decision Statements and Looping Statements Mrs. T. P. Deshmukh	Session – I String Mr. S. M. Kale	Session – I File Handling Mr. S. M. Kale
4:00 PM to 5:00 PM	Session – II Hands-on Session on basic programs of python Mr. S. M. Kale	Session – II Hands-on Session on Data types and operators Mr. S. M. Kale	Session – II Hands-on Session on Conditional Decision Making Statements and Looping Statements Mr. S. M. Kale	Session – II Hands-on Session on String Mr. S. M. Kale	Session – II Hands on Session on File Handling Mr. S. M. Kale

The inauguration was held on 3rd October 2022 at 3:00 PM

Mrs. T. P. Deshmukh and Mr. Sunil M. Kale, discussed the recent advances, research issues & challenges in the domain of "Introduction to python programming".

On 8th October 2022, Dr. Mangesh Ghonge, Head proposed the Vote of Thanks.

Session on Problem Solving and Ideation Workshop as Workshop On "Introduction to Python" organized By: Department of Artificial Intelligence and Data Science

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Session on Problem Solving and Ideation Workshop as Workshop On "Introduction to Python"

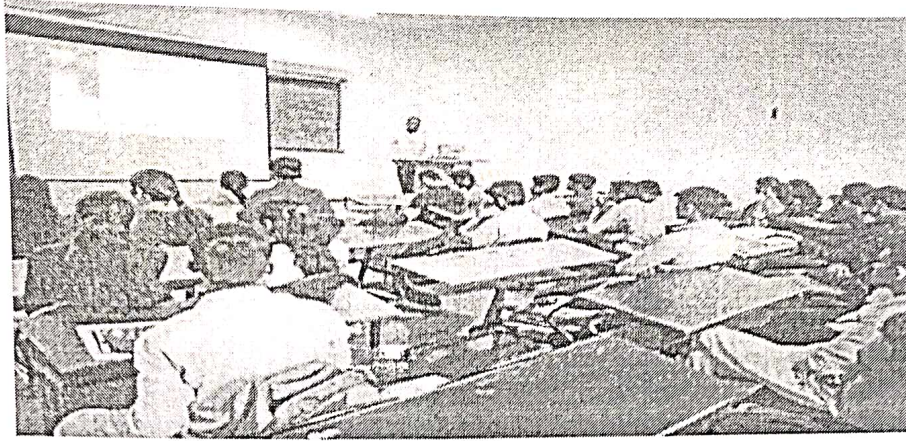Resource Person Prof. Tanvi Deshmukh Prof. Sunil Kale

3rd - 8th October 2022

SANDIP FOUNDATION

Department of Artificial Intelligence and Data Science, Sandip Foundation's, Sandip Institute of Technology and Research Centre, Nashik

Prof. R. M. Raut Coordinator	Dr. M. M. Ghonge HoD	Principal SITRC

Hands on session by Prof. Sunil Kale

Students performing Python coding

Link on website : https://sitrc.sandipfoundation.org/artificial-intelligence-data-science/events

Link on facebook :

https://www.facebook.com/135970429749016/posts/6381894906/?sfnsn=wiwspmo&mibextid=RU

Prof. R. M. Raut
Event Coordinator

HoD
AI & DS Engg.

Ms. Sneha A. Khaire
Convener,
IIC Cell SITRC

Prof. (Dr.) G. M. Phade
President,
MoE IIC Cell SITRC

Principal.
SITRC