Department: **IT**   Academic Year: **2022- 2023**   Semester: **II**

Date: **11.02.2022**

All the students of TE IT are hereby informed that there is **Sessions** on **Technical Training** arranged by IT Department. Expert will conduct the Session on **Technical Training** on 14.02.2022 at 2.00 pm. to 3.00 pm.

Coordinator

HOD-IT

Principal
Nutan Maharashtra Institute
of Engg. & Technology
Samarth Vidya Sankul" Vishnupuri
Talegaon Dabhade, 410507

NUTAN MAHARASHTRA INSTITUTE OF ENGINEERING AND TECHNOLOGY

Under Administrative Support - Pimpri Chinchwad Education Trust

Approved by AICTE	Accredited by NAAC	Affiliated to SPPU

"Samarth Vidya Sankul", Vishnupuri, Telegaon Dabhade, Taluka Maval, District Pune - 410507
Tel. No. 02114 – 231666, E-mail :nmiettalegaon@gmail.com Web : www.nmiet.edu.in

ESTD : 1906

Report of the event/session organized

Department:IT   **Academic Year: 2022-2023**   **Date:23.02.2023**

To,

The Principal,

Through: The HOD < IT> of NMIET

Subject: Submission of the Report of **"Technical Training Sessions dated on 20th Feb.2023"**

Respected Sir,

With above reference, we have successfully organized **"Technical Training Sessions dated on 20th Feb.2023"** for students of UG. The details are given below.

Venue: Department of IT at NMIET.

No. of Participants:55

Coordinator: Prof. Prof. Vivek Nagargoje

Introduction: Technical training sessions for IT students are vital in preparing them for the challenges and demands of the modern tech industry. These sessions serve as a bridge between academic knowledge and practical skills, equipping students with the necessary tools to excel in their careers. This report outlines the objectives, content, delivery methods, and outcomes of recent technical training sessions conducted for IT students.

Objectives:

1. Enhance practical skills: Provide hands-on experience and practical knowledge in various areas of IT, including programming languages, software development methodologies, networking, cybersecurity, and database management.
2. Foster critical thinking: Encourage students to think critically, solve problems independently, and develop innovative solutions to real-world challenges.
3. Promote collaboration: Facilitate teamwork and collaboration among students through group projects, discussions, and peer learning.
4. Prepare for industry demands: Align training content with industry trends, emerging technologies, and best practices to ensure students are well-prepared for the demands of the IT sector.
5. Evaluate learning outcomes: Assess the effectiveness of training sessions through feedback mechanisms, quizzes, assignments, and practical assessments to measure students' comprehension and skills acquisition.

Content: The technical training sessions covered a wide range of topics, including but not limited to:

1. Programming languages: Java, Python, C/C++, JavaScript, etc.

Principal
Nutan Maharashtra Institute
of Engg. & Technology
"Samarth Vidya Sankul" Vishnupuri
Talegaon Dabhade, 410507

2. Web development: HTML, CSS, JavaScript frameworks (e.g., React, Angular), server-side scripting (e.g., Node.js), etc.
3. Software development methodologies: Agile, Scrum, DevOps practices, version control systems (e.g., Git), etc.
4. Networking: TCP/IP fundamentals, network protocols, routing, switching, security principles, etc.
5. Cybersecurity: Threat detection, risk assessment, encryption techniques, penetration testing, etc.
6. Database management: SQL fundamentals, database design, normalization, query optimization, etc.

Delivery Methods:

1. Lectures: Conducted by experienced IT professionals and faculty members to introduce theoretical concepts and provide insights into industry practices.
2. Hands-on workshops: Interactive sessions where students apply theoretical knowledge to practical scenarios, complete coding exercises, and work on real-world projects.
3. Case studies: Analyzing real-life case studies allows students to understand how theoretical concepts are applied in practical settings and learn from real-world examples.
4. Group projects: Collaborative assignments that require students to work together to solve problems, develop applications, or implement solutions, promoting teamwork and communication skills.
5. Online resources: Supplementary materials such as video tutorials, articles, and online courses are provided to supplement classroom learning and allow students to further explore topics at their own pace.
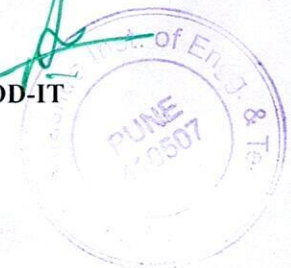
Outcomes:

1. Enhanced technical skills: Students demonstrated improved proficiency in programming languages, software development methodologies, networking concepts, cybersecurity principles, and database management techniques.
2. Critical thinking abilities: Students developed the ability to analyze complex problems, devise solutions, and think critically about various technical challenges.
3. Improved collaboration: Group projects and interactive sessions facilitated teamwork, communication, and collaboration among students, enhancing their ability to work effectively in team settings.
4. Industry readiness: Students gained insights into current industry trends, emerging technologies, and best practices, preparing them for successful careers in the IT sector.
5. Positive feedback: Evaluation surveys and feedback mechanisms indicated high levels of satisfaction among students, with many expressing appreciation for the hands-on approach, relevance of the content, and quality of instruction.

Conclusion: Technical training sessions play a crucial role in preparing IT students for the challenges of the modern tech industry. By providing hands-on experience, fostering critical thinking, promoting collaboration, and aligning content with industry demands, these sessions equip students with the skills and knowledge necessary to succeed in their careers. Continuous assessment and feedback mechanisms ensure the effectiveness of training programs and enable ongoing improvement. Overall, the recent technical training sessions have been instrumental in enhancing the capabilities and readiness of IT students for the evolving landscape of the IT industry.

Coordinator   Principal
                Nutan Maharashtra Institute
                   of Engg. & Technology
             "Samarth Vidya Sankul" Vishnupuri
                Talegaon Dabhade, 410507

HOD-IT

Nutan Maharashtra Vidya Prasarak Mandal's
NUTAN MAHARASHTRA INSTITUTE OF ENGINEERING AND TECHNOLOGY
Under Administrative Support - Pimpri Chinchwad Education Trust

ESTD : 1906

Approved by AICTE	Accredited by NAAC	Affiliated to SPPU

"Samarth Vidya Sankul", Vishnupuri, Telegaon Dabhade, Taluka Maval, District Pune - 410507

Tel. No. 02114 – 231666,	E-mail :nmiettalegaon@gmail.com	Web : www.nmiet.edu.in

Dept: IT

Student's Attendance

Program Name – Technical Training Session.

Rollno	Name of Student	Sign
1	AMANGE ADITYA VENKAT	
2	BHAGAT SIDDHESHWAR SUDAM	
3	BHIRUD TEJAS BHAGWAN	
4	BORLE CHANDRAKANT SURYAKANT	
5	BORUDE ABHIJEET SUNIL	
6	GHORPADE AKASH GAJANAN	
7	GIRAMKAR JUILEE GANGADHAR	
8	GITE PRAVIN SHANTARAM	
9	GOSAVI ARYAN NARENDRA	
10	KANTHALE MAHESH SATISH	
11	KARBHARI RUPESH VIJAYKUMAR	
12	KHARAT ADITYA VIJAYKUMAR	
13	KORGAONKAR PRATHAMESH PRAKASH	
14	LODHE AKSHAY SUBHASH	
15	MOHITE SAKSHI GANESH	
16	MORE SUDARSHAN DAYANAND	
17	NAGTILAK SAKSHI SANJAY	
18	NAYAKWADI YASH UDAY	
19	PADEKAR TANMAY SATISH	
20	PAGAR YASH BHAUSAHEB	
21	PAPAT ESHA AJAY	
22	PARBAT TEJAS TUSHAR	
23	RANMALE GANESH DATTA	
24	SANAP YOGESH VISHNU	
25	SANKPAL DHANSHREE RAMHARI	
26	SAWANT ADITYA MOHAN	
27	SAWANT PRATIK VASANT	
28	SHENDKAR AKSHATA DNYANDEO	
29	SHINDE HARSHADA ASHOK	
30	SONAWANE RAKESH HAUSHIRAM	
31	SUNDARKAR SHREYAL SANJAY	
32	TALOKAR ANUJA SANJAY	
33	THAKUR APARAJITA BALRAMSINGH	
34	THITE SAMEER SUNIL	
35	UDAVANT VEDAMRUTA JAYANT	
36	WABLE ABHISHEK NANASAHEB	
37	WABLE SANGRAM SAMBHAJI	
38	WAGH SARVESH SANJAY	

Principal
Nutan Maharashtra Institute
of Engg. & Technology
"Samarth Vidya Sankul" Vishnupuri

39	LOKHANDE PARTH PRASAD	
40	MANE AKASH SANJAY KUMAR	
41	DAMBALKAR SAMRUDDHA SATISH	
42	ARAJ VEDANT ANKUR	
43	CHAVAN ANKITA RAVIVARMA	
44	CHOUDHARY PANKAJ BHOMARAM	
45	SARAK NETAJI TANAJI	
46	TAMHANE ADITYA DHRUVABAL	
47	BANKAR VISHAL KIRAN	
48	HANDE PRADIP KAILAS	
49	KADADHEKAR PAYAL RAJESH	
50	BHIRUD YOGESH SUBHASH	
51	AGIWALE SURAJ TANAJI	
52	JADHAV ANURAG UTTAM	
53	PANASKAR VISHWAJEET PRAKASH	
54	VAISHNAV NANDKISHOR PATIL	
55	SHIKALGAR FIROJA HARUN	

HOD-IT

Coordinator

Principal
Nutan Maharashtra Institute
of Engg. & Technology
"Samarth Vidya Sankul" Vishnupuri
Talegaon Dabhade, 410507