



Koneru Lakshmaiah Education Foundation

(Category -1, Deemed to be University estd. u/s. 3 of the UGC Act, 1956)

Accredited by NAAC as 'A++' ♦ Approved by AICTE ♦ ISO 21001:2018 Certified

Campus: Green Fields, Vaddeswaram - 522 302, Guntur District, Andhra Pradesh, INDIA.

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Ref: KLEF/RO/Women's Forum/2022-2023

Dt. 07/03/2023

Orders of Vice-Chancellor dt. 07/03/2023

CIRCULAR

Sub: Workshop on Software Packages for Application Development- Reg

Ref: Letter dated on 07/03/2023 from Dr. K. Ruth Ramya, Associate Professor, CSE & Convenor, Women's Forum, KLEF

This is to inform that Women's Forum is organizing "Workshop on Software Packages for Application Development- The details of the program are mentioned below.

Date : 08/03/2023

Time : 11.00 A.M onwards

Venue : Peacock Hall, KLEF

Resource Person: K. Srivalli, TCS.

All HOD's are requested to bring this information to the notice of Faculty/Staff & Girl students of their respective departments.


REGISTRAR

Dr. K. SUBBARAO
REGISTRAR



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WORKSHOP ON SOFTWARE PACKAGES FOR APPLICATION DEVELOPMENT

Date : 08/03/2023
Time : 11.00 A. M Onwards
Venue : Peacock Hall, KLEF

OBJECTIVES

The primary objectives of organizing a workshop on "Software Packages for Application Development" for students are to empower them with practical knowledge and hands-on experience in utilizing essential software tools and packages commonly employed in application development. This workshop aims to equip students with valuable skills, fostering a deeper understanding of software development processes, enhancing their problem-solving abilities, and preparing them for future careers in technology by bridging the gap between theoretical knowledge and practical application.

DESCRIPTION

The workshop on "Software Packages for Application Development" organized by KLEF Women Development Cell was a resounding success, with a robust turnout and enthusiastic participation. Resource Person for this program is Ms. K. Srivalli, TCS, Systems Manager . Over the course of the workshop, students were exposed to a comprehensive array of software tools and packages commonly used in application development, allowing them to gain practical experience in designing, coding, and debugging applications. The event not only equipped participants with valuable technical skills but also fostered a collaborative learning environment, encouraging knowledge sharing and problem-solving. Moreover, the workshop served as a bridge between theoretical knowledge and real-world application, enhancing students' confidence and employability prospects in the field of software development. Overall, it was a transformative experience that significantly contributed to the professional growth and readiness of the attending students. The following aspects were discussed in the workshop

Software packages for application development refer to pre-existing software tools and platforms that are designed to aid in the development, testing, and deployment of software

applications. These packages come with a range of features and functionalities that simplify the development process, saving time and effort for developers. Some common software packages for application development include:

1. **Integrated Development Environments (IDEs):** IDEs are software packages that provide a complete development environment for programmers. They typically include code editors, debugging tools, and compilers, and are often designed for specific programming languages.

2. **Testing Tools:** Testing tools are software packages that help developers to test and debug their applications. These tools can include unit testing frameworks, load testing software, and automated testing tools.

3. **Frameworks:** Frameworks are pre-existing code structures that provide a foundation for developers to build their applications. They can include libraries, modules, and pre-built components, and can save developers a significant amount of time.

4. **Version Control Systems:** Version control systems are software packages that help developers to manage and track changes to their code. They can provide features such as code branching, merging, and history tracking.

5. **Application Servers:** Application servers are software packages that provide a runtime environment for web applications. They can handle tasks such as server-side scripting, database access, and security.

Overall, software packages for application development can significantly enhance the development process, making it easier for developers to build high-quality software applications in less time. Cadence is a leading provider of electronic design automation (EDA) software, tools, and services. The company's software and tools are widely used by electronic designers and engineers to design, verify, and implement complex integrated circuits and systems on a chip (SoCs).

Cadence offers a range of software packages for different stages of the design and verification process, including:

1. **Design Entry:** Cadence provides software packages for creating and editing schematics, capturing designs, and entering them into a design flow. Examples of these packages include OrCAD, Allegro, and Virtuoso.

2. **Simulation and Verification:** Cadence's simulation and verification software packages allow designers to simulate and verify the functionality of their designs before they are implemented. Examples of these packages include Spectre, Incisive, and Palladium.

3. **Implementation:** Cadence offers software packages for implementing and optimizing designs, including physical design tools such as Innovus and Encounter, and digital implementation tools such as Genus.

4. **Custom IC Design:** Cadence's Virtuoso platform is widely used for custom IC design and layout, providing designers with a complete environment for schematic capture, layout, and verification.

5. **System Design and Analysis:** Cadence offers software packages for system-level design and analysis, including the System Design Enablement (SDE) platform, which includes tools for system-level simulation, analysis, and verification. Overall, Cadence's software and tools are used by electronic designers and engineers worldwide to design and implement complex integrated circuits and systems on a chip, making them a vital part of the electronics industry.

OUTCOMES

The outcomes of organizing a workshop on "Software Packages for Application Development" for students include enabling participants to acquire proficiency in utilizing a diverse range of software tools essential for application development, fostering the ability to design, build, and troubleshoot applications effectively. Additionally, the workshop aims to

instill a sense of confidence and competence among students, enhancing their employability by providing practical skills that align with industry requirements, thereby empowering them to contribute effectively to the world of software development and innovation.

PHOTOS



Resource person - Ms. K. Srivalli, TCS, Systems Manager addressing the gathering ON 08/03/2023.



Resource person - Ms. K. Srivalli, TCS, Systems Manager Resource person addressing the gathering ON 08/03/2023.

Participated Faculty/staff List :

S.No	Emp No	Name of the employee	Department
1	4592	MS.SRIDEVI SAKHAMURI	ECE
2	5277	MS.KOMALI DAMMALAPATI	CSE
3	3662	MR.J.CHANDRASEKHAR RAO	ECE
4	4461	MS.CHALLA HIMATHA REDDY	PHARMACY
5	4291	DR.S.SUNITHAMANI	ECE
6	4522	M.GAYATRI	MATHEMATICS
7	3051	MS.PABBISETTI SATYA GOURI ARUNASRI	ECE
8	5213	MS.PRONAMI BORA	ECE
9	5398	DR.RALLABANDI REVATHI	ECE

Participated Student List :

2200033138	K. Arishun	CSE	1st	Arishun
2200040290	T. Vigheswarth	ece	3rd	Vishwarath
2000040144	T. Sita	eco	5th	Sita
2500030070	K. Praneeth Kumar	CSE	1st.	Praneeth
2200033119	G. praveen	CSE	1st.	Praveen
190010010	Ch. Swarna	BT	4th	Swarna
2200030050	A. Sai sanjay	CSE	1st.	Sai
190010044	Okulshna, Kulkika	BT	4th	Kulkika
2000040247	S.K. abdelah.	ece	3rd	Shabbir
190010024	K. Poojitha	BT	4th	Poojitha
2200033124	A. Hanifa	CSE	1st	Hanifa
190010036	M. Sndhu	BT	4th	Sndhu
2200030110	T. Ashrithe	C.se.	1st.	Ashrithe
2000040211	M. bhithveedy	ece	3rd	Bhithveedy
190010055	K. Adithi	BT	4th	Adithi
2200033116	K. charitha	CSE	1st	Charitha
2000040022	G. Santosh Kumar	ece	3rd	Santosh
190010029	K. Chaitanya Krishna	BT	4th	Krishna
2000040264	K. sriram	ece	3rd	Sriram
190010069	V. Sai Akshitha	BT	4th	Akshitha
2200033118	M. Rohith	CSE	1st	Rohith
190010021	J. Mary	BT	4th	Mary
2300030052	Sk Sahithi	CSE	1st.	Sahithi
190010075	Ch. Sumanth	BT	4th	Sumanth
2000040255	A. vishesh	ece	3rd	Vishesh
2200033104	S. Jahany	CSE	1st	Jahany
190010083	M. pandhu	BT	4th	Pandhu
2200030096	N. Shanmukh Priya	C.S.E	1st.	Shanmukh
2000040098	Ch. Balu Varma	eco	3rd	Balu
190010084	B. Swarna Reddy	BT	4th	Swarna
2200030094	N. Mohana Sai	CSE	1st.	Mohana
190010094	J. Abhinav	BT	4th	Abhinav

ID.No	Name of the Student	Branch	Year	Signature
2100030104	C. Tejash	CSE	1st	Tejash
2100030142	P.R. Ashir	CSE	2nd	Ashir
190069033	V. Pann. Choudhary	EEE	1st	Pann.
1900010902	Ch. Swarna Tejash	BT	4th	Tejash
200002004	K. Siva Ganesh	CSE	2nd	Ganesh
200090043	M. Sampath	CSE	2nd	Sampath
2700030301	G. Vashis	CSE	1st	Vashis
2100030025	M. Harish	CSE	1st	Harish
1900010066	S.K. Parshana	BT	4th	Parshana
190069016	M. Shwani	EEE	1st	Shwani
2100030035	A. Chaitanya	CSE	2nd	Chaitanya
2100030102	Venkat Sri Abhilash	CSE	1st	Abhilash
2100010028	V. Dharmar Reddy	BT	2nd	Dharmar
190010050	P. Manika	BT	4th	Manika
190069029	V. Maya Sai Babu	EEE	1st	Maya
2100010066	T. Siva Pras	BT	2nd	Siva
2700030094	K. Haranthy Reddy	CSE	1st	Haranthy
190069013	N. Nikhilesh Reddy	EEE	1st	Nikhilesh
210001004	M. Manu K.C.	BT	2nd	Manu
190010058	S. Suresh	BT	4th	Suresh
2100030042	M. Deepthi	CSE	2nd	Deepthi
2100030148	Sk. Ali	CSE	1st	Ali
2200030097	Ch. Chaitan Reddy	CSE	1st	Chaitan
190069031	P. Naga Sai Kumar	EEE	1st	Naga
2100030010	G. Saketh	CSE	2nd	Saketh
190010054	M. Lala Kumari	BT	4th	Lala
210001006	K. Rachel	BT	2nd	Rachel
200001002	S. Harish	CSE	3rd	Harish
2200030101	K. Navej Chandra	CSE	1st	Navej
2100010110	T. Pranjitha	BT	2nd	Pranjitha
190010069	V. Lakshmi Menon	BT	4th	Menon
2100010102	G. Anusha	BT	2nd	Anusha
2200030066	Ta Venkat Sri	CSE	1st	Venkat


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Dr. K. SUBBARAO
REGISTRAR