

ABOUT THE INSTITUTION

Vision:

Striving for a symbiosis of technological excellence and human values.

Mission:

To arm young brains with competitive technology and nurture holistic development of the individuals for a better tomorrow.

Quality Policy:

Education without quality is like a flower without fragrance. It is our earnest resolve to strive towards imparting high standards of teaching, training and developing human resources.

Founded in 1981 by Vasavi Academy of Education, Vasavi College of Engineering (VCE) represents a rich tradition of excellence in technology-based education. A premier-league institution among the affiliates of OU, Vasavi College of Engineering owes its vision to Sri Pendekanti Venkata Subbaiah, a veteran statesman of Independent India. The college is currently offering 6 UG and 5 PG programmes. The college has been granted autonomy by the University Grants Commission, New Delhi and Osmania University, Hyderabad for all the programs for a period of six years with effect from 2014-15. The college is **ACCREDITED BY NAAC WITH 'A++' GRADE.**

ABOUT THE DEPARTMENT

Vision:

To be a center of excellence in emerging areas of Information Technology.

Mission:

- Provide a comprehensive learning experience on latest technologies and applications.
- Equip the stakeholders with technical knowledge and leadership skills with collaboration to become competent professionals.
- Motivate innovation and contribute to the societal issues with human values and professional ethics.

The Department of Information Technology was established in the year 2000. The department offers a 4-year B.E. degree programme in Information Technology with an annual intake of 180 students with specific emphasis on engineering technologies and empirical mode of learning. The programme ensures that the student effectively meets the highest benchmarks of competence required by the industry. The programme is re-accredited by NBA in the year 2023.

ABOUT ISOC

Internet Society (ISOC) Hyderabad Chapter is a global non-profit organization empowering people to keep the Internet a force for good: open, globally connected, secure, and trustworthy. ISOC believes everyone should be able to benefit from an open and trusted Internet. The forum supports and promotes the development of the Internet as a global technical infrastructure, a resource to enrich people's lives. ISOC Hyderabad is an ALS Member of APRALO, ICANN. ISOC Hyderabad has ISOC Academic Hubs in educational institutions. ISOC Hyderabad has organised events on Future of Internet, Community Networks, Internet Measurement, Universal Acceptance, inSIG 2022 etc. Website: <http://www.isocindiahyderabad.org/>

President	: Mr. K. Mohan Raidu, Informatics India
Vice President	: Dr. Salman Abdul Moiz, SCIS, UOH
Vice President	: Mr. R. Rudravaram, Thinkcloud Inc, Texas USA
Secretary	: Mr. Bala Prasad Peddigari, TCS
Joint Secretary	: Mr. DSK Chakravarthy, Virtusa
Treasurer	: Mr. M. V. S. Nagaraj, TechMahindra

ABOUT THE PROGRAM

The objective of the FDP is to introduce the basic Blockchain technologies, Programming-Ethereum hyper ledger and crypto currencies that will aid in understanding Blockchain in real life applications. It enables participants to understand various security related issues in Blockchain. This FDP provides comprehensive sessions focusing on latest approaches, opportunities and future directions. Sessions on state-of-art methodologies and use of Blockchain in different domains helps participants to explore the cutting edge research challenges. Topics include:

Introduction to Blockchain:

Introduction to Blockchain, Public Ledgers, Bitcoin, Smart contracts, Distributed, consensus, Public Vs Private Blockchain. Basic Crypto Primitives: HashFunction, Digital Signature, Public Key Cryptography, Understanding Blockchain with Cryptocurrency, Proof of Work, Stake, Burn and Elapsed Time.

Programming:

Ethereum and Smart contracts, Multichain Hyperledger and Golang, Crypto currencies, Tokens, ICOs, Open datasets.

Cyber Security:

Cyber attack to Blockchain, Insider threats-case studies, Security and Reliability, Privacy and Trust in Blockchain, Confidentiality in Blockchain.

Applications:

Applications in Blockchain, Big data and IoT Technologies, Research challenges in Blockchain.



ONLINE FIVE-DAY FDP

on



BLOCKCHAIN TECHNOLOGY AND ITS CURRENT RESEARCH CHALLENGES

29th April 2024 - 03rd May 2024

(10.00 AM to 4.00 PM)

Organized By

Department of Information Technology
Vasavi College of Engineering, Hyderabad

In association with
ISOC, Hyderabad Chapter

REGISTRATION FORM

Name: Mr/Ms/Dr :

Designation :

Department :

Organization:

Correspondence Address :

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Pin code :

Mobile :

E-mail :

Category : Academic/Industry/Others

Date:

Place:

Important Dates

Registration Fees	Rs. 750/-
Scan to Register & Payment	 Register  Payment
Last Date for Registration	27 th April 2024
Intimation of Acceptance	28 th April 2024

Experts:

- Mr. Mohan Raidu President ISOC Hyderabad, Informatics India
- Dr. Subba Rao, SCIS, UoH
- Mr Srinivasa Reddy.G PPPP & Chair- ISR, ISOC Hyd
- Mr.R.Dharma Reddy, Ex. Microsoft, VCE
- Mr. Ch. Sreeram, Tech Mahindra
- Mr Bala Peddagiri, TCS & Secretary ISOC Hyderabad
- Dr. Parwat Singh Anjana , SUPRA, California, US
- Dr. Syed Imtiyaz Hassan, MANUU
- Mr Anoop Kumar Pandey, C-DAC
- Dr Rukma Rekha, SCIS, UoH
- Dr Raghavendra Kune, ADRIN
- Ms.Lakshmi Eswari P, C-DAC
- Mr. Madhava P, Cyber Warrior, BSNL
- Mr.Srinesh Thakur, Atya Technologies

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Organizing Committee

Chief Patrons

Sri P. Ram Mohan Rao, President, VCE
Sri M. Krishna Murthy, Secretary, VCE

Patron

Sri P. Balaji, CEO, VCE

Chairman

Dr. S. V. Ramana, Principal, VCE

Convener

Dr. K. Ram Mohan Rao

Professor & Head

Department of IT, VCE

Coordinators

Dr. Tilottama Goswami Professor

Dr. S. Sreelakshmi, Asst. Prof.(SS)

Members:

Mrs. S. Aruna	Associate Professor
Dr. B. Kezia Rani	Associate Professor
Dr. S.K. Chaya Devi	Associate Professor
Dr. T. Hitendra Sarma	Associate Professor
Dr. N. Anil Kumar	Associate Professor
Dr. M. Neelakantappa	Associate Professor
Dr. S. K. Prashanth	Associate Professor
Dr. K. Rama Krishna	Assistant Professor
Mr. K. Srinivasa Chakravarthy	Assistant Professor
Ms. S. Rajya Lakshmi	Assistant Professor
Mr. N. David Raju	Assistant Professor
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Mrs. B. Leelavathy	Assistant Professor
Mr. Dharma Reddy R	Assistant Professor
Mrs. G. Radha	Assistant Professor
Mrs. Haseeba Yaseen	Assistant Professor
Mrs. M. Sathya Devi	Assistant Professor
Mrs. S. Renuka	Assistant Professor
Mrs. Soume Sanyal	Assistant Professor
Mrs. Sruthi Anand	Assistant Professor
Dr. T. Anjani Devi	Assistant Professor

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Department of Information Technology
VASAVI COLLEGE OF ENGINEERING
(AUTONOMOUS)

(Affiliated to Osmania University & Approved by AICTE)

ACCREDITED BY NAAC WITH 'A++' GRADE
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