REGISTRATION

Who can apply

Interested Faculty / research scholars from university / engineering colleges / polytechnic colleges.

Registration Fee for the workshop: Rs. 100/-
(Including GST)

How to Register
Click here
https://forms.gle/txck1wnrAsc19jfD9

or scan the QR code

E-Certificates will Be Provided For all Eligible Participants

LAST DATE OF REGISTRATION

12 - 08 - 2020

NEFT DETAILS

Account Name	:	Principal, JNNCE, Shimoga
Bank	:	Canara bank
Account Number	:	6322201000004
IFSC Code	:	CNRB0006322
Branch	:	JNNCE Campus Branch, Shimoga

FOR ANY QUERIES CONTACT

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Professor and Head, Dept. of ISE

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ISE Dept., JNNCE

Mrs. Prathima L Asst. Prof.,
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National Education Society ®

Jawaharlal Nehru National College of Engineering,

Shivamogga – 577 204

(Approved by AICTE, New Delhi, Certified by UGC 2f & 12B, Accredited by NAAC –'B', UG Programs: CE, ME, EEE, ECE, CSE, ISE, TCE acredited by NBA:1.7.2019 to 30.6.2022, Recognized by Govt. of Karnataka and Affiliated to VTU, Belagavi)

Internal Quality Assurance Cell (IQAC)
One week Faculty Development Program on

"Blockchain Technology & its Applications"
17th - 21st Agust 2020

Is Organized by

Department of Information Science and Engineering
in association with
Department of Information Technology,

National Institute of Technology - Karnataka (NITK), Surathkal.

JNN College of Engineering, Shivamogga - 577 204.

ABOUT NES

Established in 1946 by freedom fighters and philanthropist of high repute, with a mission "to provide quality education at a reasonable cost" giving emphasis on rural and women education. Has set up 35 + educational institutions in the malnad region of Karnataka state, in a range of disciplines such as engineering, science, pharmacy, commerce, humanities, education, law, business administration, physical education, computer application and applied sciences.

The management is comprising of highly respected persons from different professions and social service committed to carry forward the enlightening the vision and the illustrious legacy of its founders.

ABOUT THE COLLEGE

JNNCE was Established in the year 1980 by the National Education Society. JNNCE is affiliated to Visvesvaraya Technological University (VTU), Belagavi and recognized by the All India Council for Technical Education (AICTE). It offers 7 BE programs(all accredited by NBA upto 30/06/2022) and 2 M.Tech programs along with MBA and MCA. It has 7 research centers recognized by VTU. Spread over 39.4 acres caters to the needs of nearly 3750 students and 450 staff, with state-of-the-art technology back-up, well-equipped laboratories and workshops, library, hostels, playgrounds and other amenities. The college has 46 Doctorates and 56 research scholars to its credit. The college organizes international and national level workshops, conferences, seminars and short-term courses on a regular basis.

ABOUT THE DEPARTMENT

The Information Science & Engineering Department established in the year 1999 with an objective of producing high-qualified Professionals in the field of Information Science and Engineering. Department get enhanced intake to 120 on 2007 and accredited to NBA (for Academic years 2019-22) and has 22 teaching faculty members with various specializations in computer science, out of which two are Ph.D. holders and nine are pursuing Ph.D. The faculty has been publishing research papers in refereed journals & in conference proceedings. The Department has state-of-the-art infrastructure & computing equipment and faculties encourage students to take up MOOC based online courses in NPTEL. The co-curricular & extra-curricular activities are conducted through department forum INSIGHT & CSI-Institutional and Student chapters to bring out the best in student and many of them have represented the university and won awards. The department handles EDUSAT, distance-learning programmes of the university and maintains Campus Network of the JNNCE Campus.

ABOUT NITK SURATHKAL

NITK Surathkal is a premier institution engaged in imparting quality technological education and a broad range of research, development and consultancy activities. NITK has carved a niche for itself among the best technical institutes in India and is consistently ranked among the top 10 technological institutes.

ABOUT IT DEPARTMENT

Department of Information Technology was established in June 2000, The department offers undergraduate course B.Tech. in Information Technology, Post Graduate course M.Tech. in nformationTechnology, M.Tech. by (Research) and DoctoralProgram (Ph.D). Current research activitiesof the department include Data Mining, Web services, Distributed Computing, Semantic Web Technology, Natural language Processing, Software Aging, Virtualization, Soft Computing, Wireless Sensor Networks, Computer Networks, Network and Cyber Security, Information Security, Internet of Things (IoT), Affective Computing, Big Data Analytics, Cloud/Edge/Fog Computing, Cloud Security, Databases,Healthcare Informatics, High Performance Computing, Information Retrieval, Social Multimedia/Social Network Analysis, Software Engineering, Blockchain Technologies, Future Internet Architecture, Mobile Software Engineering, Deep LearningApplications.

ABOUT FDP

Blockchain is a leading software platform for digital assets. It is a data structure used to create a decentralized ledger and is composed of blocks in a serialized manner.

The objective of the One week online FDP on Blockchain Technology and its Applications is to introduce fundamentals of blockchain technology and discuss some realtime applications.

TOPICS WILL BE COVERED IN FDP

- Blockchain Introduction, Architecture, Eco-System.
- Transaction Life cycle, Transaction Mining
- Miners and their roles.
- How to write Smart Contracts and Consensus Algorithms
- Blockchain Implementation Tools: Solidity Language, Ganache, Truffle, Ethereum.
- Blockchain Applications in Public Distribution System, Health Care Applications, Supply Chain Management.

RESOURCE PERSONS

Experts from Industry , Academia and R and D Organizations will deliver expert talks to make participants aware of various topics related to Blockchain Technology and Its Applications.