



National Education Society ®
Jawaharlal Nehru National College of Engineering,
Shivamogga-577204
(Internal Quality Assurance Cell)
Department of Civil Engg and Information Science and Engineering
In Association with ISTE



One week FDP on “Research Methodology” From 5th to 9th Feb 2018
Schedule



Organized by Department of Information Science and Engineering and Department of Civil Engineering.

PREAMBLE

This FDP is proposed keeping in mind the new bees in the research area so as to get exposed to the research field. Hands on session will be given to the attendees regarding how to write report in Latex.

Objectives:

1. To create awareness to the budding research scholars regarding how to choose the field of research and how to set the objectives.
2. To help them in defining problem statement.
3. To give glimpse of methodologies available and could be used to carry out the research.
4. To enlighten the attendees with how to test the developed models and intellectual property.
5. To give hands on session on Latex programming as it is very important in report making.

About the work shop:

Topics to be covered:

RESEARCH METHODOLOGY (14PHDRM)

1. Objectives and Characteristics of research.
2. Defining the research problem and selecting the problem.
3. Research design and methods.
4. Sampling design and steps in sampling design.
5. Testing of hypotheses.
6. Invention, creativity and Intellectual Property.
7. Interpretation and report writing.

Resource Persons:

Eminent speakers from both academia and industry will address the participants in the workshop. Academia experts from IISc, NIT's and R&D organizations and experts in the field of Intellectual Property Rights and Patenting will deliver sessions.

REGISTRATION:

Eligible Candidates:

Post Graduate Students, Research Scholars and Faculty members of different engineering stream and management stream can participate in this workshop.

Registration Fee:

A registration fee of Rs. 2000 will be charged for each participant. The Registration fee should be paid through online, the details of which are given below:

Bank: CANARA BANK
Branch: JNNCE CAMPUS, SHIMOGGA
SB A/c No: 6322201000004
IFSC Code: CNRB0066322

Scanned copy of the application with duly forwarded by the HOD and Principal, must be sent along with online transaction to rm_2018@jnnce.ac.in.

Selected participants will be intimated over email. Total Number of participants is restricted to 50.

Note:

- Registration fee does not include accommodation. However, accommodation may be provided to the participants with a nominal fee in the college hostel.
- No TA/DA would be provided to participants.

IMPORTANT DATES

Last Date of Registration: 20th Feb 2018.
Notification to the selected participants: 25th Feb 2018.

National Education Society[®]

JAWAHARLAL NEHRU NATIONAL COLLEGE OF ENGINEERING

SHIVAMOGGA, KARNATAKA

www.jnnce.ac.in



Internal Quality Assurance Cell
(IQAC)

5 days Workshop on

Research Methodology

From 5th to 9th March 2018

Organized by

Department of IS & E and Civil Engg.

JNNCE, Shimogga

In association with ISTE, New Delhi

Conveners

Dr. Kiran M
Assistant Professor,
Department of IS & E,

Dr. Karthika B S
Assistant Professor,
Department of Civil Engineering,

ABOUT THE INSTITUTION

National Education Society (NES) started in the year 1946 by a group of freedom fighters. Now it is running 40 educational institutions.

Jawaharlal Nehru National College of Engineering (JNNCE) was established by NES in 1980 and is one of the premier institutions in the central region of Karnataka and ranks within 10 in Karnataka. The college is catering the needs of the nearby as well as interstate students to pursue their graduation and post graduation in engineering, computer applications and business administration. Currently 7 UG and 9 PG programmes are being run successfully. The institution holds many milestones in research and innovation.

ABOUT SHIVAMOGGA

Shimogga district is a Malnad region situated in the mid-south-western Ghats of Karnataka state connected through National highway and railways to capital city Bengaluru at a distance of 275 Km.

Shimogga is a true nature's gift, spread with rivers, valleys, waterfalls, enchanting natural scenery of hills, dense forests, flora & fauna & forts. Among them Jog Falls is a world famous tourist attraction.

ORGANIZING COMMITTEE

Dr. Jyothi K, Prof. and Head, ISE Dept
Dr. Rajendra Khatawkar, Prof. and Head, Civil Dept
Prof. Sowmya, Asst. Prof, Dept. of ISE
Prof. Hemanth Kumar, Dept. Of MCA
Prof. Sudeep Manohar, Dept. Of MCA
Prof. Rabinandan J Civil Dept.

CHIEF PATRON

Sri.A S Vishwanatha, *President, NES*
Sri.T R Ashwath Narayana Shetty, *VP, NES*
Sri. S N Nagaraja, *Secretary, NES*
Sri.Amarendra Kireeti, *Joint Secretary, NES*
Sri. C R Nagaraj, *Treasurer, NES*

PATRON

Dr. H R Mahadevaswamy, *Principal, JNNCE*

ADVISORY BOARD

Dr. P Nagabhushan, *Director, IIT (Allahabad)*
Mr. Sundar K.S, Head, IMS Academy, Infosys.
Dr. Basavaraj S Anami, Principal, KLEIT, Hubli.
Dr. Suresh D S, Principal, CIT, Gubbi.
Dr. T N Nagabhushan, Dean, JSS S&T, University, Mysore.
Dr. G. Sangameshwara, VC, JSS S&T University, Mysuru.
Dr. M.H. Bala Subrahmanya, Dept. of Management Studies, IISc, Bangalore.
Dr. Lokesh Bore Gowda, Senior Principal Engineer, Samsung R&D, Bangalore.
Raghava K, Director, Qualitas, Technologies.
Prakash Suryanarayana, CEO, Silfra Technologies.

For Correspondence

1) Dr. Kiran M
Assistant professor,
Dept. of ISE, JNNCE,
Shimogga Mob:9886539400
Email :kiranmanjappa@jnnce.ac.in

2) Dr. Karthika BS
Assistant Professor,
Dept. of Civil, JNNCE, Shimogga
Mob: 9008420322
Email: karthik@jnnce.ac.in

5 days Workshop on

Research Methodology

From 5th - 9th Mar 2018

REGISTRATION FORM

Name: _____

Designation: _____

Department: _____

Address: _____

Email: _____

Mob.no/Tel.No/Fax.
No: _____

Details of On line Transaction:

Name of the Bank: _____

UTR/IMPS Reference No with Date :

Accommodation Required:

YES NO

Signature

Signature of the HOD

Signature of the Principal

One week ISTE sponsored Workshop on Research Methodology

Workshop Coordinator:

- 1. Dr. Karthika B S, Assistant Professor, Dept. of Civil, JNNCE Shimoga**
- 2. Dr. Kiran M, Assistant Professor, Dept. of ISE, JNNCE, Shimoga**

Hosting College: JNN College of Engineering, Shimoga, Karnataka.

Hosting Department: Department of ISE and Department of Civil Engineering.

Workshop Dates: 5th to 9th March, 2018.

In order to empower the faculties in the research field, JNN College of Engineering, Shimoga, has conducted a one week ISTE sponsored workshop on Research Methodology targeting the researchers who are in their early stage of their research. As research scholars will be in confused state in the early stage of their research, this FDP helped such research scholars to fix the field and define the problem statement. Further, this FDP also highlighted how to achieve the defined objectives, methodologies to use, report writing, filling intellectual property etc. Finally this FDP gave glimpse of LATEX programming which is an essential tool for the research scholars for writing reports and thesis.

For the workshop 45 aspirant research scholars from host college as well as from nearby colleges and universities were registered and took the maximum benefit from the workshop. The workshop schedule included face to face interaction, tutorial sessions and lab sessions (for LATEX). In order to keep the session alive and to motivate the enthusiasm of the participants, tests were conducted and best performers were encouraged.

For the workshop eminent speakers from both academia and industry were invited to address the participants of the workshop. The feedback of the participants revealed that the sessions were attractive and lab session of LATEX was really good.

Date : 12-03-2018

Place: JNNCE, Shimoga.

RESOURCE PERSONS

Mr. Mahesha B. R. Pandit

Founder & CEO,
Rhytify Technologies Pvt. Ltd.,
Bengaluru.

Dr. Nitin Varma

Professor of Computer Science,
Chittara University,
Chandigarh.

Mr. Keshav Rajgopal

Coach, Mentor and Start-up Advisor,
Bengaluru.

Mr. Yeshwanth Nanjundappa

Head of Engineering & Operations,
Maersk Global Service Centre,
Bengaluru.

Dr. H. R. Mahadevaswamy

Principal, JNN College of Engineering,
Shivamogga.

Dr. Manjunatha S.

Faculty, Department of MBA,
CMR Institute of Technology,
Bengaluru.

Mathaji Sanyasi Swasthimurthy

Body Temple Yoga Centre, Shivamogga.
(Bihar school of yoga)

CHIEF PATRONS

Sri A. S. Vishwanatha
President, NES

Sri T R Ashwathanarayana Setty
Vice President, NES

Sri S N Nagaraja
Secretary, NES

Sri Amarendra Kireedi
Joint Secretary, NES

Sri C. R. Nagaraj
Treasurer, NES

PATRON

Dr. H R Mahadevaswamy
Principal, JNNCE, Shivamogga

PROGRAM CHAIR

Dr. P. Manjunath
Professor & Dean Academics, JNNCE

COORDINATOR

Dr. E. Basavaraj
Professor & Head

Department of Mechanical Engineering, JNNCE

CO-COORDINATORS

Mr. M. K. Srinivasamurthy
Mr. Parameshwara S. & Mr. Pradeep N. B.
Assistant Professors
Department of Mechanical Engineering, JNNCE

ORGANIZING COMMITTEE

All Teaching & Non-Teaching Staff
Department of Mechanical Engineering



AICTE - ATAL Academies Sponsored
One Week
Faculty Development Programme
on

“BLUE OCEAN STRATEGY”
21st to 25th September 2020



National Education Society®

J N N College of Engineering

Shivamogga - 577 204, Karnataka State.

(Affiliated to VTU Belagavi, Recognized by Govt. of Karnataka)
Accredited by MBA (All 7 UG Branches), Accredited by NAAC
And Approved by AICTE, New Delhi. Certified by UGC 21 & 12B

Website: <http://jnncce.ac.in/>

Contact: 08182-268800 | Fax: 08182-222450

ADDRESS FOR COMMUNICATION

Dr. E. Basavaraj

Professor & Head, Department of Mechanical Engineering, JNNCE
Ph: 9448344199 | E-mail: ebasavaraj@jnncce.ac.in

ABOUT THE INSTITUTION:

JNNCE was established in the year 1980 by the National Education Society. The college is affiliated to Visvesvaraya Technological University (VTU), Belagavi and recognized by AICTE, New Delhi and Government of Karnataka. JNNCE offers B.E., M.Tech., MBA and MCA programmes, as well as M.Sc. (Engg. by Research) and Ph.D. programmes.

JNNCE has emerged as one of the most sought-after education destinations for technical and management education by students and parents from all over India.

JNNCE is accredited with NAAC - B grade also All 7 UG programmes are Accredited by NBA and is now declared fit to receive central assistance in terms of rules framed under section 2(f) and 12(B) of the UGC act, 1956 under the head 'Non-Government Self-Financed colleges up to Master's degree.

JNNCE has emerged as one of the institutions espoused to the cause of professional education, training and research. A New Initiative "Transformation for Excellence 2.0" has been launched for making JNNCE as one of the top engineering, research, innovation and enterprising institutes in next few years.

ABOUT THE DEPARTMENT:

Established in 1980, Mechanical Engineering department has a dynamic, highly qualified & experienced faculty constantly engaged in R&D activities.

Fully equipped labs with CAD/CAM/CAE, CNC training and Robot facilities and Condition Monitoring lab provide an environment where students can experience the vast expanse of Mechanical Engineering.

The department has a number of research projects in the areas of stress analysis, vibration, composite materials & Bio fuel sponsored by AICTE/VTU.

The department also has been recognized as a research center by VTU, leading to Doctoral and M.Sc. (Engineering) degrees.

DEPARTMENT VISION:

To be a model department with academic excellence and technical expertise, grooming students to become Mechanical Engineers of best quality to meet ever changing needs of industry and society.

DEPARTMENT MISSION:

- ❖ Impart technical education of highest standard by qualified and experienced faculty in the field of Mechanical Engineering through effective teaching learning process.
- ❖ Continuously upgrade knowledge, skill and engage in Research & Development activity by executing challenging projects in association with academia and industry.
- ❖ Imbibe ethical, environmental and social values amongst students using value-based education.

ABOUT THE FDP

India is poised to become a fifteen (15) Trillion USD economy over the next 35 years. As the majority of the Indian population is expected to be working for this period, there are ample opportunities for entrepreneurs. The blue ocean strategy promotes innovation based enterprise creation which can enjoy low competition for a significantly long time. Considering the opportunity on hand, it becomes essential to teach blue ocean strategy to budding entrepreneurs.

ATAL ACADEMY:

AICTE Training and Learning (ATAL) Academy is established with the vision "To empower faculty to achieve goals of Higher Education such as access, equity and quality". AICTE is committed for development of quality technical education in the country by initiating various schemes launched by Govt. of India, Ministry of Human Resource Development. Council understand that there is a need to train the young generation in skill sector and having faculty & technicians to be trained in their respective disciplines. Training is required for increasing the knowledge and skills of students to make them more employable to acquire global competencies.

TENTATIVE TOPICS TO BE COVERED:

- Introduction, motivation for the course and basic taxonomy related to the topic
- Creating blue oceans
- Analytical tools and frameworks Debate: What are the ways to create new markets?
- Reconstructing market boundaries
- Focusing on the big picture
- Practice: Four steps of visualizing strategy
- Reaching beyond existing demand
- Get the strategic sequence right
- Debate: How would you execute the ocean strategy?
- Overcoming key organizational hurdles
- Building Execution into strategy
- Sustaining and renewing blue ocean strategy
- Teaching the blue ocean strategy

WHO CAN ATTEND?

Faculty members / research scholars / PG scholar from academic institutes approved by the AICTE / UGC / MHRD working in Private / Public / Government organizations can attend the course.

REGISTRATION

Participants can sign up and register for the program in AICTE ATAL website links.

<https://www.aicte-india.org/atal>

OR

<https://atalacademy.aicte-india.org/signup>

IMPORTANT DATES

Last Date for Registration: 15th September 2020

FDP Dates: 21st to 25th September 2020

NOTE:

Certificate shall be issued to those who maintain 80% attendance and score minimum 60% marks in test.

National Education Society ®
JNN College of Engineering Shimoga
ATAL-FDP (422) -BLUE OCEAN STRATEGY 2020
 21st September to 25th September 2020

SCHEDULE

Date Day	Session 1 10:00 to 11:30	Session 2 11:45 to 13:15	Session 3 14:30 to 16:00
21-Sep-20 Monday	<i>Inauguration</i> JNNCE: Inaugural Function followed by Key Note Address: Reboot India: Service to Innovation Nation. Mahesha BR Pandit	<i>Overview</i> Creating Blue Oceans Dr. Nitin Varma	<i>Overview</i> Analytical Tools and Frameworks Keshav Rajgopal
22-Sep-20 Tuesday	<i>Formulation</i> Reconstructing Market Boundaries Dr. Nitin Varma	<i>Formulation</i> Focusing on the big picture, not the numbers Dr. Nitin Varma	<i>Formulation</i> Reaching Beyond Existing Demand Mahesha BR Pandit
23-Sep-20 Wednesday	<i>Formulation</i> Get the Strategic Sequence Right Keshav Rajgopal	<i>Execution</i> Overcome Key Organizational Hurdles Dr. Nitin Varma	<i>Execution</i> Build Execution into Strategy Mahesha BR Pandit
24-Sep-20 Thursday	<i>Special Focus</i> Blue Ocean Strategy in the Manufacturing Sector Dr. Manjunatha S	<i>Execution</i> Sustain and Renew Blue Ocean Strategy Mahesha BR Pandit	<i>Execution</i> Yoga Session Mataji Sanyasi Swasthimurthy
25-Sep-20 Friday	The Examination	<i>Innovation</i> New possibilities with Blue Ocean Strategy Dr. HR Mahadeva Swamy	<i>Conclusion</i> Results, Feedback, Q&A All Resource Persons

Digital Platform (Google Meet Link): <https://meet.google.com/wmt-dqmu-gcf>

Whats-App FDP Group: <https://chat.whatsapp.com/FRZuJcFhAX51TkvvLUhNT>

JNN COLLEGE OF ENGINEERING
 Department of Mechanical Engineering
 ATAL FDP ON "BLUE OCEAN STRATEGY" - 21ST TO 25TH SEPTEMBER 2020

LIST OF PARTICIPANTS

Sl.No.	Name	Institute Name
1	Mr. Parameshwara s	JNN college of Engineering
2	Mr. AJAY KUMAR VARSHNEY	IIHS, INDIRAPURAM (NCR)
3	Mr. SUNIL H V	Sahyadri college of engineering & management, Mangalore
4	Mr. Srinivasa Murthy MK	JNN College of Engineering, Shimoga
5	Dr. A G SHANKARA MURTHY	Bapuji Institute of Engineering & Technology, DAVANGERE-04
6	Mr. Harshad Bhadange	Suryadatta Group of Institutes
7	Dr. Pratiksha Wable	Suryadatta Institute of Management & Mass Communication
8	Dr. Dr. Roopali Kudare	Institute of Business Management and Research
9	Mrs. SHILPA K	VTU
10	Mr. P Srinivas	Sypec engineering college
11	Mr. Suresh S	G. T. Institute of Management Studies and Research
12	Miss Shweta Singh	Suryadatta Institute of Management and Mass Communication
13	Dr. r.vani	Narayana Engineering College, Nellore
14	Mr. Akhil Gautam	Government Post Graduate College Dharamshala
15	Miss Sucheta Tripathy	International Academy of Management & Entrepreneurship
16	Dr. Sarika	NIFTEM
17	Mr. Shreenivasan K A	SASTRA Deemed University
18	Mr. Shanthi Kiran M	JNN COLLEGE OF ENGINEERING
19	Mrs. Ranjitha P K	Krupanidhi college of commerce and management
20	Mr. RAVI KUMAR B N	J N N College of Engineering
21	Mr. GIRISH G V	J N N College of Engineering
22	Mr. Ramesh M	JNN College of Engineering
23	Dr. MEETA MANDAVIYA	Marwadi University
24	Mr. Veerabhadra M Budyal	KLE College of Engineering & Technology, CHIKODI
25	Dr. Bindu	RBVRR Women's college
26	Dr. Arpita Baijal	Nmims
27	Mr. kashinath mallappa angadi	K.L.S Shri Vasantao Potdar Polytechnic
28	Dr. Dr. Shailesh Kasande	Suryadatta Institute of Management & Mass Communication
29	Dr. Purvi Pujari	Bharati Vidyapeeth's Institute of Management Studies and Research
30	Mrs. ARCHANA J R	RNS INSTITUTE OF TECHNOLOGY
31	Mrs. Mandan Savita	RCPIPER Shirpur
32	Mr. Aniket Suresh Pardeshi	Rajarambapu institute of Technology
33	Dr. Santhosh Ujjinappa	J. N. N. College of Engineering
34	Mr. Chetan C G	JNN College of Engineering
35	Dr. Vaishali Rahate	Datta Meghe Institute of Management Studies
36	Dr. Gampala Prabhakar	JNTUH COLLEGE OF ENGINEERING HYDERABAD

JNN COLLEGE OF ENGINEERING
Department of Mechanical Engineering
ATAL FDP ON "BLUE OCEAN STRATEGY" - 21ST TO 25TH SEPTEMBER 2020

LIST OF PARTICIPANTS

37	Mr. DHANANJAY KULKARNI	PUNE UNIVERSITY
38	Mr. SUMON BHATTACHARYYA	IISD (SREI Foundation), Kolkata
39	Dr. Shweta Chaudhary	SPCJIM
40	Mrs. Seema K S	Padmashree Institute of Management and Sciences
41	Mr. JARANG VIJAY KUMAR	Dr. Jyothirmayi degree college MBA
42	Mr. VAIDHEESWARAN S	MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY
43	Dr. Sachin. H. P.	JNN College of Engineering
44	Mrs. puneet jolly	GNKITM-TC
45	Dr. Jena P Joshi	Dr. D.Y.Patil Institute of Management and Research
46	Dr. Jini Manish Saxena	Dr. D.Y. Patil Institute of Management & Research
47	Mr. Sreeranjana Menon T	Ahalia School Of Management
48	Mr. Ameet V Kulkarni	KLS IMER Belagavi
49	Dr. K.R.KOLAMMAL	D.G.Vaishnav College
50	Mr. Basant	xlri
51	Dr. swati saxena	CPIMR
52	Mr. AVINASH MOHANTY	HI TECH INSTITUTE OF TECHNOLOGY, KHURDA
53	Dr. N BABITHA THIMMAIAH	VISVESVARAYA TECHNOLOGICAL UNIVERSITY
54	Mr. Prathmesh U Tawade	S K Somaiya Degree College
55	Dr. Samita Mahapatra	Sinhgad Institute of Management
56	Mrs. Priyanka Darekar	Indira Global Business School
57	Mrs. S.Sowjanya	JNTUA
58	Dr. Neeru Rani	Galgotia College of Engg. & Tech. Greater Noida
59	Dr. Rajlaxmi Pujar	Indira School of Business Studies
60	Dr. Neeta Pathak	S V Institute of Management, Kadi
61	Miss Shabana Khan	SVKM's Mithibai College (Autonomous)
62	Mrs. Malarvizhi.J	Nadar Saraswathi College of Arts and Science, Theni
63	Dr. veena P Bhosale	KCES's College of Engineering and Management, Jalgaon
64	Miss Sharmila. B	Nadar Saraswathi college of arts and science
65	Dr. Shehbaz Ahmed	AMJAD ALI KHAN COLLEGE OF BUSINESS ADMINISTRATION
66	Mr. Maulik Joshi	Dr. R.D.Gardi Educational Campus
67	Mrs. Shashi Kantha	Sarojini Naidu Vanita Mahavidyalaya
68	Mrs. Rajani	Sarojini Naidu Vanita Maha Vidyalaya
69	Mr. Bhavik Panchal	S.V.Institute of Management, Kadi
70	Mr. HARSHAVARDHAN B	The National Institute of Engineering, Mysuru
71	Miss Nagalakshmi T S	GSSSIETW
72	Mrs. Poornima D	D V S Polytechnic
73	Mr. Koushik P K	PES Institute of Technology and Management Shivamogga

JNN COLLEGE OF ENGINEERING
Department of Mechanical Engineering
ATAL FDP ON "BLUE OCEAN STRATEGY" - 21ST TO 25TH SEPTEMBER 2020

LIST OF PARTICIPANTS

74	Mr. Naveen M R	D S Dinakar Polytechnic
75	Mr. Mahanthesh.G	Kalpataru Institute of Technology
76	Mrs. Sowjanya M N	GSSSITW
77	Mr. Shivananda D C	PES INSTITUTE OF TECHNOLOGY
78	Mr. Rajashekhara M C	PESITM Shivamoga
79	Mr. MALTESHKUMAR DESHPANDE	PES Institute of Technology and Management Shivamogga
80	Mr. Mahanthesh MR	PESITM
81	Mr. Mallikarjuna G B	Kalpataru Institute of Technology
82	Mr. ANIL K	Kalpataru Institute of Technology, Tiptur
83	Mr. Ajay C K	Kalpataru institute of Technology
84	Mr. Arun Kumar TD	Kalpataru Institute of technology tiptur
85	Dr. Mahantesh Goudar	Basaveshwar Engineering College
86	Dr. Manjunath Achar G H	JNNCE, Shivamogga
87	Mrs. VINUTHA A	DVS Polytechnic
88	Dr. AJAY KUMAR GARG	P.G.D.A.V. COLLEGE (EVE.), UNIVERSITY OF DELHI
89	Miss Supriya S	DVS Polytechnic Shimoga
90	Mr. ABHILASH H S	KIT
91	Mr. CHIDANANDA C N	KIT tiptur
92	Mr. JAYAVARDHANA ACHARYA N	JAWAHARLAL NEHRU NEW COLLEGE OF ENGINEERING
93	Miss GARGI SUR	HALDIA INSTITUTE OF TECHNOLOGY
94	Mrs. sowmyashree p	Government polytechnic college
95	Mrs. BINDIYA K	Jawaharlal Nehru National College of Engineering, Shivamogga
96	Mr. SHIVANANDAPPA N D	JAWAHARLAL NEHRU NATIONAL COLLEGE OF ENGINEERING
97	Mr. Vinay Kumar A G	JNNCE
98	Mr. Madhu PS	Kalpataru institute of technology
99	Mr. Shubhanker Yadav	School of Management Science Varanasi
100	Mr. Suraj Prakash Singh	School of Management Sciences Varanasi
101	Mr. SANDEEP K	Kalpataru Institute of Technology
102	Mr. Anand Raj S N	JNNCE
103	Mr. MANU S S	Adichunchanagiri Institute of Technology
104	Mr. Brijesh C	Kalpataru Institute of Technology, Tiput
105	Mr. VINAYKUMAR V N	KALPATARU INSTITUTE OF TECHNOLOGY, TIPTUR
106	Mr. PRASHANTHA M V	Canara Engineering College, Mangalore
107	Mr. Shreedhar B	Kalpataru Institute of Technology Tiptur
108	Mr. Bharath Kumar B S	Kalpataru Insitute of technology
109	Mr. NIRANJAN S J	Kalpataru Institute of Technology Tiptur

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LIST OF PARTICIPANTS

110	Mr. NAVEEN A KALAL	Canara Engineering College, Mangalore
111	Mr. Ramesh Desai	Canara Engineering College, Mangalore
112	Mr. Nandeesh G S	Kalpataru Institute of Technology
113	Dr. Praveen Kumar S	Bharath Institute of Higher Education & Research
114	Mrs. Aparna	JNNCE Shimoga
115	Mr. Jagadeesha R	Kalpataru Institute of Technology
116	Dr. VEENAPANI	Sarojini Naidu Vanita Mahavidyalaya
117	Mrs. Leena Barshikar	Kohinoor Business School
118	Mr. Abhishek Narayan J	Karpagam college of engineering
119	Mr. Shreenath	Canara Engineering College
120	Mr. Sreenivasa V	J N N College of Engineering Shimoga
121	Mr. N MANJUNATH GOWDA	University BDT College of Engineering
122	Mrs. CHAYA D Y	JNN College of Engineering
123	Mr. MAHESHWARAPPA H M	J N N College of Engineering
124	Dr. V.Selvalakshmi	SRM Valliammai Engineering College
125	Mrs. SUBHASH GONDKAR S	JNNCE
126	Mr. Avinash A R	JNNCE
127	Mrs. JyothiPrashanth	D.v.S Polytechnic,Shimogga
128	Mrs. K.s.selvi	Nadar saraswathi arts and science college

ATAL FDP (422) Blue Ocean Strategy
21st September to 25th September 2020

Session Report

	21-09-2020 (Day-1)
Day-1 - Session-1	<ul style="list-style-type: none"> • Inaugural Function Started at 10:00AM • MOC by Srinivasa Murthy MK • Invocation by Mr.Vishnu BJ Student of Mechanical Engineering • Welcome by Dr.E. Basavaraj, Coordinator of ATAL FDP No.422 – Welcomed all the resource person, guests and guest of honor, Principal and participants to the FDP. • Introduction of chief guest by Mr. Parameshwar S • Guest: Mr.Mahesha B.R Pandit addressed the conference. • Guest of Honor: Sri. SN Nagaraja, Secretery, NES, Shimoga addressed the conference • Presidential Address: Dr.H.R.Mahadevaswamy , Principal, JNNCE addressed the conference • Keynote Address by Mr.Mahesha B.R Pandit • Participants were asked to join Combined Inaugural in Youtube organized by ATAL. • Mr. Pradeep N B proposed vote of thanks.
Day-1 - Session-2	Dr.Nithin Varma was introduced by Dr.E.Basavaraj and Dr.Nithin Varma delivered a talk on <i>"Creating a Blue Oceans"</i> . At the end of the session Dr.E.Basavaraj thanked Dr.Nithin Varma and the participants.
Day-1 - Session-3	Mr. Keshav Rajgopal was introduced by Dr.E.Basavaraj. He delivered a talk on <i>"Analytical Tool and Frameworks"</i> . At the end of the session Dr.E.Basavaraj thanked Dr.Nithin Varma and the participants.
	22-09-2020 (Day-2)
Day-2 -Session-1	Dr.Nithin Varma delivered a talk on <i>"Reconstructing Market Boundaries"</i> . At the end of the session Dr.E.Basavaraj thanked Dr.Nithin Varma and the participants.
Day-2- Session-2	Dr.Nithin Varma delivered a talk on <i>"Focusing on Big Picture not the numbers"</i> . At the end of the session Dr.E.Basavaraj thanked Dr.Nithin Varma and the participants.
Day-2 - Session-3	Mr.Mahesha BR Pandit delivered a talk on <i>"Reaching beyond existing demand"</i> . At the end of the session Dr.E.Basavaraj thanked Mr.Mahesha BR Pandit and the participants.
	23-09-2020 (Day-3)
Day-3 - Session-1	Mr. Keshav Rajgopal delivered a talk on <i>"Get the strategic sequence right"</i> . At the end of the session Dr.E.Basavaraj thanked him and the participants.
Day-3 - Session-2	Dr.Nithin Varma delivered a talk on <i>"Overcome key organizational hurdles "</i> . At the end of the session Dr.E.Basavaraj thanked him and the participants.
Day-3- Session-3	Mr.Mahesha BR Pandit delivered a talk on <i>"Build Execution into Strategy"</i> . At the end of the session Dr.E.Basavaraj thanked Mr.Mahesha BR Pandit and the

	participants.
	24-09-2020 (Day-4)
Day-4- Session-1	Dr.Manjunatha S delivered a talk on " <i>Blue Ocean Strategy in the Manufacturing sector</i> ". At the end of the session Mr.Srinivasa Murthy M K thanked him and the participants
Day-4-Session-2	Mr.Mahesha BR Pandit delivered a talk on " <i>Sustain and renew Blue ocean strategy</i> ". At the end of the session Dr.E.Basavaraj thanked Mr.Mahesha BR Pandit and the participants.
Day-4 - Session-3	Mataji Sanyasi Swasthimurthy delivered a talk on <i>Yoga and Practice Session</i> . She was introduced by Mrs.Aparna J, Asst. Prof. E&C Dept. JNNCE. At the end of the session Mr.Srinivasa Murthy MK thanked Mataji and the participants.
	25-09-2020 (Day-5)
Day-5 - Session-1	Dr.E.Basavaraj introduced Dr.H.R.Mahadevaswamy to the participants. Dr.H.R Mahadevaswamy talked on " <i>New Possibilities with Blue Ocean Strategy</i> ". Session was summarized by Mr.Srinivasa Murthy and he thanked him and the participants.
Day-5 - Session-2	The examination was conducted Mr.Mahesha Pandit.
Day-5 - Session-3	<ul style="list-style-type: none"> • Valedictory Function of FDP • MOC by Mr.Parameshwara S • Welcome by Srinivasa Murthy MK • Dr.E.Basavaraj summarized the proceedings of five day FDP. • Overall Result and Feedback Question and Answer session was conducted by all the resource persons. • Vote of tanks by Mr.Pradeep NB.

Statement of Expenditure & Utilization Certificate
(Financial Assistance to Seminar / Symposia)

Date: 26.12.2018

SERB Sanction No: SB/SSY/2018/000522

1. **Name of Academic Institution / University / Society etc. under whose auspices the Seminar / Conference / Workshop / Symposium etc. was organized:**

Jawaharlal Nehru National College of Engineering, Shivamogga

2. **Title of the Seminar / Conference / Workshop / Symposium etc.:**

International Conference on Emerging & Sustainable Trends in Civil Engineering – ESCE- 2018

3. **Duration / Period of the organized event:**

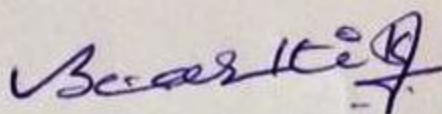
From			To		
Date	Month	Year	Date	Month	Year
27	September	2018	28	September	2018

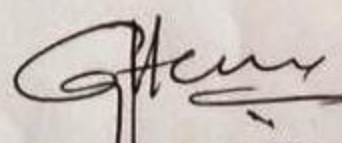
4. **Grant Sanctioned / Released:**


Rs.1,00,000 (Rupees One lakh Only)

5. **Out of Total Expenditure of Rs. 4,10,338/- (Rupees Three Lakh Eighty - Five thousand Three Hundred Thirty - Eight only) SERB grant of Rs. 1,00,000/- (Rupees One Lakh has been has been utilized as per the details given below:**


S. No	Budget Head	Amount in Rs.
I.	Domestic Travel for Young and Senior Scientists	48790.00
II.	Pre-Conference Printing	40020.00
III.	Contingencies (64654)	11190.00
	Total in Rs.	100000.00


Dr. KARTHIKA, B.S.
B.E., M.Tech., Ph.D.,
Associate Professor
Department of Civil Engineering
J N N College of Engineering
SHIVAMOGGA-577 204.



Professor
Dept. of Civil Engineering
J.N.N. College of Engineering
Shivamogga-577 204.


Principal
College of Engineering, Shivamogga.

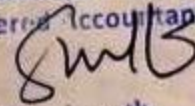
Income (in Rs.)		Expenditure (in Rs.)	
1. By Registration	137000	1. Domestic Travel for Young and Senior Scientists (Indian Only)	48790
2. By Donations	0	2. Pre-Conference Printing (Announcements, abstracts etc.)	40020
3. By advertisements	0	3. Contingencies (Stationary & etc.,)	64654
4. By Grant from SERB	100000	4. Working Tea / Lunch, Audio-Visuals etc.	61941
5. By Other Funding Agencies Sponsorship	93200	5. Printing of Proceedings	0
6. Contribution from JNNCE	80138	6. Other etc.	
		(i) Momentous to Guests	22700
		(ii) Honorarium to Resource Persons	64565
		(iii) Lunch & Dinner Charges	53128
		(iv) Telephone & Internet	0
		(v) Auto / Travel charges	5000
		(vi) Hon. To support staff	8000
		(vii) Secretarial Assistance	0
		(viii) Administration Expenses	41540
Total in Rupees	410338	Total in Rupees	410338


Accounts Officer
Accounts Department
 J N N College of Engineering
 Shivamogga.


Organising Secretary
Dr. KARTHIKA, B.S.
 B.E., M.Tech., Ph.D.,
 Associate Professor
 Department of Civil Engineering
 J N N College of Engineering
 SHIVAMOGGA-577 204.


Principal
Principal
 Jawaharlal Neeru National
 College of Engineering, Shivamogga.

Chartered Accountant
For A. Narasimha Murthy & Co.,
 Chartered Accountants


 Charanath
 Proprietor
 M. No. 214269,
 Firm Reg. No: 0111075

Date: **29 DEC 2018**
 Place: JNNCE, Shivamogga

FORM G.F.R. 19 A

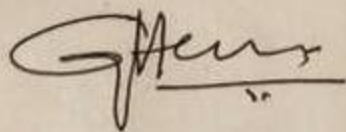
**UTILIZATION CERTIFICATE
(IN DUPLICATE)**

SERB SanctionNo: SB/SSY/2018/000522

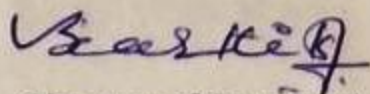
Date: 26 December 2018

Certified that out of Rs. One Lakh of grants-in-aid sanctioned during the year 2018 in favour of Principal, JNNCE vide SERB order No SB/SSY/2018/000522 dated 19 September 2018 has been utilized for the purpose of organizing International Conference on Emerging & Sustainable Trends in Civil Engineering – ESCE- 2018 for which it was sanctioned and that the balance of Rs. Nil remaining unutilized at the end of the event has been surrendered to SERB (Vide Cheque / DD No Nil dated Nil.

2. Also Certified that I have satisfied that the conditions on which the grants-in-aid was sanctioned have been fulfilled/are being fulfilled, and to see that the money was actually utilized for the purpose for which it was sanctioned.



(In case of University /
Academic Institution)



Signature of Convener /
Organising Secretary

Dr. KARTHIKA, B.S.

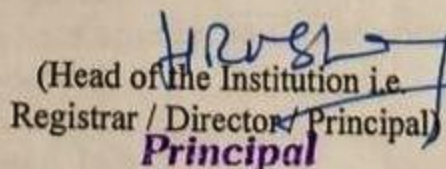
B.E., M.Tech., Ph.D.,

Associate Professor

Department of Civil Engineering

J N N College of Engineering

SHIVAMOGGA-577 204.

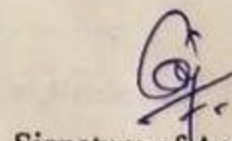


(Head of the Institution i.e.
Registrar / Director / Principal)

Principal

Jawaharlal Nehru National

College of Engineering, Shivamogga.



Signature of Accounts /
Finance Officer/

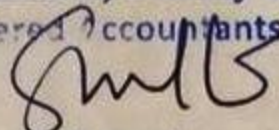
Accounts Department

**J N N College of Engineering
Shivamogga.**

Signature of the Chartered Accountants

For A. Narasimha Murthy & Co.,

Chartered Accountants



(Sharath

Proprietor

M. No. 714269,

Firm Reg. No: 011107S

'29 DEC 2018

Dr. Soumendra Nath Kuiry, Asst. Professor
Environmental & Water Resources Engineering Division, I.I.T. Madras.

Dr. Parshanth J, Assistant Professor, NIT Silchar.

Dr. Harish Narayan, Associate Professor, Ramaiah Institute of Technology, Bengaluru.

Dr. Kumar Raju B C, Associate Professor, ACS College Of Engg. - Bengaluru.

Dr. Sanjeev Gadad, Associate Professor, ACS College Of Engg. - Bengaluru.

Dr. Akshaya B J, Associate Professor, NCET Bengaluru.

REGISTRATION

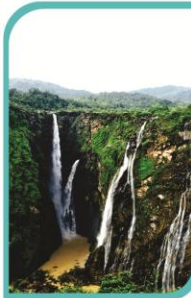
Registration phase begins, only after the acceptance of the paper. It is mandatory for at least one author of an accepted paper to register in order for the paper to appear in the proceedings and be included in the Technical program. If an author has got more than one accepted papers, each paper has to be registered. Accepted papers are published in UGC approved Journals. The registration fee includes proceedings, conference kit, break fast, lunch, dinner, morning and evening snacks.

Item	For authors from Host Country	For International Authors
Author registration Fees		
Non ISTE Members	Rs. 3000/-	USD100
ISTE Members	Rs. 2000/-	USD15
Attendee	Rs. 1000/-	USD75

Accommodation may be provided to the participants with a nominal fee in the college hostel. However, Registration fee does not include accommodation. No TA / DA would be provided to participants.

About Shivamogga

Shivamogga (known locally as Shimoga) is a city in Shivamogga District in the central part of the state of Karnataka, India. It lies on the banks of the Tunga River and is the administrative headquarters of the district. According to the Shimoga City Municipal Corporation, the city has a total area of about 50 km². The climate is tropical wet and dry summer & average temperature 20-35 °C (68-95 °F). Shimoga is a part of a Malnad region (land of hills) in Karnataka. These hills are part of the Western Ghats, a region known for heavy rainfall, lush greenery and declared as a World Heritage site by UNESCO.



PAYMENT DETAILS

Payment may be made in the form of Cheque / DD in Favor of The Principal JNCE or may be through NEFT/RTGS.

In favor of : THE PRINCIPAL JNCE
Bank : CANARA BANK
Branch : JNCE CAMPUS, SHIMOGGA
Current A/c No : 6322201000004
IFSC Code : CNRB0006322

IMPORTANT DATES

Submission of Abstract : 1st August 2018
Acceptance of Abstract : 10th August 2018
Submission of full length Paper : 20th August 2018

CONFERENCE VENUE

The ESCE-2018 international conference is scheduled to conduct at J N N College of Engineering Campus, Shivamogga Karnataka, India, 276 Km from Bangalore, and 180 KM from Mangalore, Karnataka, INDIA.



For Further Detail Contact:

Dr. Karthika. B.S

email : karthik@jnnc.ac.in
Phone : +91-9008420322

Mr. Shashikumar M Hiremath

email : shashi.m.hiremath@jnnc.ac.in
Phone +91-9945540244

Dr. C.G. Hemamalini

email : drhemamalini@jnnc.ac.in
Phone +91-9591315250



National Education Society @
**JAWAHARLAL NEHRU NATIONAL COLLEGE
OF ENGINEERING SHIVAMOGGA,**
KARNATAKA, INDIA
Internal Quality Assurance Cell (IQAC)



International Conference on
"Emerging and Sustainable Trends in
Civil Engineering" **ESCE - 2018**



27th and 28th
September 2018



In association with
Central Building Research Institute (CBRI),
Roorkee - 247 667
The Indian Society for Technical Education (ISTE),
New Delhi-110 016

Organised by :
Department of Civil Engineering
Jawaharlal Nehru National College of Engineering
Navale, Shivamogga, Karnataka,
INDIA, 577204

www.esce-jnnc.com
www.jnnc.ac.in

ABOUT THE INSTITUTION

In the year 1946, a dedicated group of philanthropists and freedom fighters established the National Education Society ® (N.E.S.). It was the collective vision of these individuals that transformed the quality of education in the region. Today, the NES is known as a formidable achiever in the field of education, managing 39 educational institutions in various fields – Engineering, Pharmacy, Arts, Commerce, Education, Law, Applied Sciences, Management, and etc. In the year 1980, JNNCE was established by National Education Society ®. The college has more than three decades of fruitful existence. The College is approved by Government of Karnataka and AICTE, affiliated to Visvesvaraya Technological University (VTU), Belgaovi. A preferred destination of students seeking technical education, the institution offers BE degree in 7 branches namely Civil Engg., Mechanical Engg., Electrical & Electronics Engg., Electronics & Communication Engg., Computer Science & Engg., Information Science & Engg., Telecommunication Engg., 3 PG Courses, namely M. Tech in Computer Science & Engg., Network & Internet Engg., Machine Design, Computer Aided Manufacturing, Transportation Engg. & Management, Digital Electronics & Communication Systems, Power Electronics, MCA and MBA, besides M.Sc. (Engg.) and Ph.D. in seven disciplines. Spread over a sprawling campus of 39.4 acres having all amenities to cater to the needs of about 3000 students and 400 staff members, the institution is reputed for its high-caliber faculty, excellent infrastructure, academic environment and placement. Around 10000 graduates and post-graduates have so far passed out from this College and have been making significant contributions in academic institutions, Industry R & D organizations and Government Departments in India and abroad. The institution has, in the recent past, organized several conferences. JNNCE is ranked 26th among top 165 private colleges in India.

ABOUT THE DEPARTMENT

The department of Civil Engineering is established in the year 1980 with 40 intake and increased to 120 in the year 2011. The department is catering M.Tech. Programme in Transportation Engineering and Management since 2010. The department is recognized as a research center by Visvesvaraya Technological University. The department is processing eminent faculties from various specialization of Civil Engineering domain. The department comprises well established laboratories to carry out research and consultancy works. The government and private organizations are benefited through effective consultancy by the department throughout the year. The department is having industry institute collaboration in the form of MoU with GARDENIA GROUP, NEWTECH GROUP, AAROHAN BUILDERS and GLOBAL INFOTECH to benefit student community, research establishments and the society.

ABOUT THE CONFERENCE

The main objective of the International Conference on "Emerging and Sustainable Trends in Civil Engineering -ESCE 2018" is to focus on the applications of emerging technologies in Civil Engineering domain and its sustainability. ESCE 2018 is also aimed at addressing the critical need of the global environment by bringing together leading academic scientists, researchers, scholars, industrial practitioners, government organizations and students to exchange and share their experience and research outcomes in intellectually and professionally stimulating forum.

The conference theme covers the broad areas of research and innovative ideas of Civil Engineering field. The keynote speakers from reputed institution will enlighten the young researchers, innovators, practitioners and students.

CALL FOR PAPERS

Papers highlighting the below mentioned areas are invited

- * Structural & Earthquake Engineering
- * Environmental Engineering
- * Geotechnical Engineering & Geology
- * Construction Technology and Management
- * Transportation & Highway Engineering
- * Water Resources & Engineering Hydraulics
- * Climate Change & Disaster Management
- * Town planning & Sustainable Architecture
- * GIS & Remote Sensing Applications
- * Soft computing in Civil Engineering

PAPER SUBMISSION

Research papers submitted will be subjected to a review process through an international review panel. The full paper should not be more than 8 pages (maximum), for extra pages each page cost Rs. 500 and the paper format is double column style. All submissions (PDF format) can be submitted through the Easy Chair conference paper submission system. If you find it difficult to submit the papers through our Easy Chair conference paper submission system. It can be mailed to esce2018@jnncce.ac.in

WHO CAN PARTICIPATE

Faculties, research scholars, scientist, government employees, practicing engineers and PG/UG students from Civil Engineering or related domain can participate in this International Conference. Registrations (on or before closing date) is confirmed upon receipt of payment and notifications.

ORGANIZING COMMITTEE

Chief Convener Dr. C G. Hemamalini, Professor	Co-Convener Mr. Shashikumar M Hiremath. Asst. Professor	Conference Organizing Secretary Dr. Karthika B S Associate Professor
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MEMBERS

Mr. A.N Srinivasa Pandit, Asst. Professor
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Mr. Raghuram K C., Asst. Professor
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Mrs. Bindya K., Asst. Professor

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Mr. Bhuvan Kumar V S., Asst. Professor
Miss. Kanchana H J., Asst. Professor
Mr. Neeraj S N., Asst. Professor
Mr. Ganesh Prasanna S., Asst. Professor

CHIEF PATRONS :

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Sri.S.N.Nagaraja, Secretary, National Education Society, Shivamogga.

PATRONS :

Dr. H. R. Mahadevaswamy, Principal
Dr. L.K. Sreepathi, Vice Principal

ORGANIZING CHAIR :

Dr. Rajendra Khatawkar, HOD, Dept. of Civil Engineering

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Prof. Wayne J Parker, Professor, Civil & Env Engg, University of Waterloo, Canada.
Prof. Mahabala Adiga, Cantech Environmental Technologies, Ottawa, Canada.
Prof. G. Glenn Lipscomb, Professor and Chair, Chemical Engg, The University of Toledo.
Prof. Ashok Kumar, Chairman, University of Toldeo, Ohio, USA.
Dr. Ramani Bai V., Professor, Faculty of Built Environment., Linton university college, Malaysia.
Dr. Jayaprakash Jaganathan, Professor, The University of Nottingham Malaysia Campus, Malaysia.

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Dr. S. Velmurugan, Senior Principal Scientist, CSIR - CRRI, New Delhi.
Dr. Ashok Kumar, Senior Principal Scientist, CSIR, CSIR, Roorkee.
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Dr. V. Jothiprakash, Professor, IIT Madras.
Dr. K. P. Sudheer, Professor, IIT Madras.
Prof. M.K.Nagaraj, Professor, NITK Surathkal.
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Dr. Sukomal Mandal, Professor, PESU, Bengaluru.
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Dr. M.Krishnaveni, Professor, Centre for Water Resources, Anna University, Chennai.
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Dr. Ramachandra.V., Vice President (Tech) Ultratech, Mumbai.
Prof.S.V. Dinesh, Professor, SIT, Tumkur.

TECHNICAL PROGRAMME COMMITTEE

Prof. Rajendra. S, Professor and Head , NCET Bengaluru.
Prof. G. R. Manjunath, Professor and Head,
Atria College of Engineering and Technology, Bengaluru.
Prof. B. Lokeshappa, Associate Professor, UBTD, Davanagere.
Prof. G. N. Pradeep Kumar, Professor, SVU Engg college, TIRUPATI.
Dr. R. B. Golekar, Assistant Professor, Department of Civil Engg, RIT, Sangli.



National Education Society ®
Jawaharlal Nehru National College of Engineering,
Shivamogga-577204
(Internal Quality Assurance Cell)
Department of Civil Engineering
In Association with ISTE,CBIR and SERB India

International Conference on “Emerging and Sustainable Trends in Civil Engineering -ESCE 2018”
From 27th Sept – 28th Sept 2018



Organized by Department of Civil Engineering.



**National Education Society ®
Jawaharlal Nehru National College of Engineering,
Shivamogga-577204
(Internal Quality Assurance Cell)
Department of Civil Engineering**



Organized by Department of Civil Engineering.



National Education Society ®
Jawaharlal Nehru National College of Engineering,
Shivamogga-577204
(Internal Quality Assurance Cell)
Department of Civil Engg and Information Science and Engineering
In Association with ISTE



One week FDP on “Research Methodology” From 5th to 9th Feb 2018
Schedule



Organized by Department of Information Science and Engineering and Department of Civil Engineering.

PREAMBLE

This FDP is proposed keeping in mind the new bees in the research area so as to get exposed to the research field. Hands on session will be given to the attendees regarding how to write report in Latex.

Objectives:

1. To create awareness to the budding research scholars regarding how to choose the field of research and how to set the objectives.
2. To help them in defining problem statement.
3. To give glimpse of methodologies available and could be used to carry out the research.
4. To enlighten the attendees with how to test the developed models and intellectual property.
5. To give hands on session on Latex programming as it is very important in report making.

About the work shop:

Topics to be covered:

RESEARCH METHODOLOGY (14PHDRM)

1. Objectives and Characteristics of research.
2. Defining the research problem and selecting the problem.
3. Research design and methods.
4. Sampling design and steps in sampling design.
5. Testing of hypotheses.
6. Invention, creativity and Intellectual Property.
7. Interpretation and report writing.

Resource Persons:

Eminent speakers from both academia and industry will address the participants in the workshop. Academia experts from IISc, NIT's and R&D organizations and experts in the field of Intellectual Property Rights and Patenting will deliver sessions.

REGISTRATION:

Eligible Candidates:

Post Graduate Students, Research Scholars and Faculty members of different engineering stream and management stream can participate in this workshop.

Registration Fee:

A registration fee of Rs. 2000 will be charged for each participant. The Registration fee should be paid through online, the details of which are given below:

Bank: CANARA BANK
Branch: JNNCE CAMPUS, SHIMOGGA
SB A/c No: 6322201000004
IFSC Code: CNRB0006322

Scanned copy of the application with duly forwarded by the HOD and Principal, must be sent along with online transaction to rm_2018@jnnce.ac.in.

Selected participants will be intimated over email. Total Number of participants is restricted to 50.

Note:

- Registration fee does not include accommodation. However, accommodation may be provided to the participants with a nominal fee in the college hostel.
- No TA/DA would be provided to participants.

IMPORTANT DATES

Last Date of Registration: 20th Feb 2018.
Notification to the selected participants: 25th Feb 2018.

National Education Society[®]

JAWAHARLAL NEHRU NATIONAL COLLEGE OF ENGINEERING

SHIVAMOGGA, KARNATAKA

www.jnnce.ac.in



Internal Quality Assurance Cell
(IQAC)

5 days Workshop on

Research Methodology

From 5th to 9th March 2018

Organized by

Department of IS & E and Civil Engg.

JNNCE, Shimogga

In association with ISTE, New Delhi

Conveners

Dr. Kiran M

Assistant Professor,
Department of IS & E,

Dr. Karthika B S

Assistant Professor,
Department of Civil Engineering,

ABOUT THE INSTITUTION

National Education Society (NES) started in the year 1946 by a group of freedom fighters. Now it is running 40 educational institutions.

Jawaharlal Nehru National College of Engineering (JNNCE) was established by NES in 1980 and is one of the premier institutions in the central region of Karnataka and ranks within 10 in Karnataka. The college is catering the needs of the nearby as well as interstate students to pursue their graduation and post graduation in engineering, computer applications and business administration. Currently 7 UG and 9 PG programmes are being run successfully. The institution holds many milestones in research and innovation.

ABOUT SHIVAMOGGA

Shimogga district is a Malnad region situated in the mid-south-western Ghats of Karnataka state connected through National highway and railways to capital city Bengaluru at a distance of 275 Km.

Shimogga is a true nature's gift, spread with rivers, valleys, waterfalls, enchanting natural scenery of hills, dense forests, flora & fauna & forts. Among them Jog Falls is a world famous tourist attraction.

ORGANIZING COMMITTEE

Dr. Jyothi K, Prof. and Head, ISE Dept
Dr. Rajendra Khatawkar, Prof. and Head, Civil Dept
Prof. Sowmya, Asst. Prof. Dept. of ISE
Prof. Hemanth Kumar, Dept. Of MCA
Prof. Sudeep Manohar, Dept. Of MCA
Prof. Rabinandan J Civil Dept.

CHIEF PATRON

Sri.A S Vishwanatha, *President, NES*
Sri.T R Ashwath Narayana Shetty, *VP, NES*
Sri. S N Nagaraja, *Secretary, NES*
Sri.Amarendra Kireeti, *Joint Secretary, NES*
Sri. C R Nagaraj, *Treasurer, NES*

PATRON

Dr. H R Mahadevaswamy, *Principal, JNNCE*

ADVISORY BOARD

Dr. P Nagabhushan, *Director, IIT (Allahabad)*
Mr. Sundar K.S, Head, IMS Academy, Infosys.
Dr. Basavaraj S Anami, Principal, KLEIT, Hubli.
Dr. Suresh D S, Principal, CIT, Gubbi.
Dr. T N Nagabhushan, Dean, JSS S&T, University, Mysore.
Dr. G. Sangameshwara, VC, JSS S&T University, Mysuru.
Dr. M.H. Bala Subrahmanya, Dept. of Management Studies, IISc, Bangalore.
Dr. Lokesh Bore Gowda, Senior Principal Engineer, Samsung R&D, Bangalore.
Raghava K, Director, Qualitas, Technologies.
Prakash Suryanarayana, CEO, Silfra Technologies.

For Correspondence

1) Dr. Kiran M
Assistant professor,
Dept. of ISE, JNNCE,
Shimogga Mob:9886539400
Email :kiranmanjappa@jnnce.ac.in

2) Dr. Karthika BS
Assistant Professor,
Dept. of Civil, JNNCE, Shimogga
Mob: 9008420322
Email: karthik@jnnce.ac.in

5 days Workshop on

Research Methodology

From 5th - 9th Mar 2018

REGISTRATION FORM

Name: _____

Designation: _____

Department: _____

Address: _____

Email: _____

Mob.no/Tel.No/Fax.
No: _____

Details of On line Transaction:

Name of the Bank: _____

UTR/IMPS Reference No with Date :

Accommodation Required:

YES NO

Signature

Signature of the HOD

Signature of the Principal

One week ISTE sponsored Workshop on Research Methodology

Workshop Coordinator:

- 1. Dr. Karthika B S, Assistant Professor, Dept. of Civil, JNNCE Shimoga**
- 2. Dr. Kiran M, Assistant Professor, Dept. of ISE, JNNCE, Shimoga**

Hosting College: JNN College of Engineering, Shimoga, Karnataka.

Hosting Department: Department of ISE and Department of Civil Engineering.

Workshop Dates: 5th to 9th March, 2018.

In order to empower the faculties in the research field, JNN College of Engineering, Shimoga, has conducted a one week ISTE sponsored workshop on Research Methodology targeting the researchers who are in their early stage of their research. As research scholars will be in confused state in the early stage of their research, this FDP helped such research scholars to fix the field and define the problem statement. Further, this FDP also highlighted how to achieve the defined objectives, methodologies to use, report writing, filling intellectual property etc. Finally this FDP gave glimpse of LATEX programming which is an essential tool for the research scholars for writing reports and thesis.

For the workshop 45 aspirant research scholars from host college as well as from nearby colleges and universities were registered and took the maximum benefit from the workshop. The workshop schedule included face to face interaction, tutorial sessions and lab sessions (for LATEX). In order to keep the session alive and to motivate the enthusiasm of the participants, tests were conducted and best performers were encouraged.

For the workshop eminent speakers from both academia and industry were invited to address the participants of the workshop. The feedback of the participants revealed that the sessions were attractive and lab session of LATEX was really good.

Date : 12-03-2018

Place: JNNCE, Shimoga.



National education Society (R)
Jawaharlal Nehru National College of Engineering, Shivamogga
Internal Quality Assurance Cell



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Event Report

Department of -----**Civil Engineering**-----

Name of the Event	National level webinar on “ High Performance Concrete – Industry Perspective ”
Date of the event and venue	06/01/2021 National Level Webinar – Through Google meet
Type of the Event & Event Count	Webinar Dept. Association activities.
Whether the event is organized in association with any institute / research organization / industry / professional society/ JNNCE Dept. (in case of inter-departmental event)	-Nil-
Details of the funding received from associating partners	-Nil-
Beneficiaries	Students of 5 th and 7 th sem / Faculty members in-house / Faculty members of other institutes / Research Scholars Enclosed as Annexure – 2
Detailed schedule with the topics covered	High Performance Concrete – Industry Perspective – Overview with Introduction on HPC & it’s general characteristics, HPC applications with case study. Scheduled on 24/09/2020
List of Speakers / guests	Sri Vishwanath Nagesh Rao Dhanavadi Complete address, email & contact number Enclosed as Annexure – 3
Brief Report of the	

event (not exceeding 1000 words)	Enclose as Annexure - 4
Outcome of the event	Students of 5 th and 7 th sem / Faculty members in-house / Faculty members of other institutes / Research Scholars Were benefited by the webinar with outcome relating to - Overview with Introduction on HPC & it's general characteristics, HPC applications with case study
Photos (Max. 5) (with date and time)	Enclosed as Annexure - 5
Invitation of Inaugural & Valedictory programme/ Event Brochure / Press Clippings	Event Brochure - Enclosed as Annexure - 6
Date of Submission of the Report	18/01/2021.

Timestamp	Email address	NAME	College / Organization
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1-2-2021 21:15:13	prityanika4855@gmail.com	PRITYANIKA R V	JNNCE SHIMOGA
1-2-2021 21:15:19	kaverieekavath5763@gmail.com	Kaveri s	JNNCE
1-2-2021 21:15:53	mandaragm73@gmail.com	Mandara G.M	JNNCE
1-2-2021 21:15:55	Kovudubhaskravatu110@gmail.com	Kovudubha z	JNNCE
1-2-2021 21:17:20	manjunath2743@gmail.com	Manu G	JNN College of Engineerin
1-2-2021 21:19:42	manjunathv5555@gmail.com	Manjunath S	Jnnce
1-2-2021 21:21:21	raashimigowda4849@gmail.com	Raashmi G R	JNNCE
1-2-2021 21:22:13	msaadath_73@gmail.com	Mohamed Sadaathulla	JNNCE
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1-2-2021 21:29:35	drasaynagaraj_2019@gmail.com	Dr Ajay N	RASTA center for the Ro
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1-2-2021 22:38:05	Nitinayanur@gmail.com	NITIN A V	J N N COLLEGE OF ENGI
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1-3-2021 19:18:10	ssushma819@gmail.com	Sushma S	Vishveshvaria technical un
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1-3-2021 19:22:02	madhumurthyb1996@gmail.com	Madhumurthy B S	JNN College of Engineerin
1-3-2021 19:33:22	puneethsmg05@gmail.com	PUNEETH B	BMS institute of technology
1-3-2021 21:49:04	shreyahc97@gmail.com	Shreya H C	JNNCE
1-4-2021 7:57:49	kanchanbj_167@gmail.com	Kanchan B G	Jawaharlal Nehru National
1-4-2021 10:01:02	dineshkumar.dsdp@gmail.com	DINESH KUMAR B	D S Dinakar polytechnic
1-4-2021 10:51:41	shashi.m.hiremath@jnnce.ac.in	SHASHIKUMAR M HIREM	J N N COLLEGE OF ENGI

Annexure - 3

Sri Vishwanath Nagesh Rao Dhanavadi,
Regional QA/QC head,
Shapoorji Pallonji Engineering & Construction (SPEC),
Bengaluru.
vishwanath.rao@shapoorji.com

Annexure - 4

The webinar was arranged by Civil Engineering department for Students of 5th and 7th sem, In-house faculty members, Faculty members of other institutes & Research Scholars.

Webinar “**High Performance Concrete – Industry Perspective**” was held on 06/01/2021 using google meet platform and talk delivered by **Sri Vishwanath Nagesh Rao Dhanavadi.**

Sri Vishwanath Nagesh Rao Dhanavadi of SPEC- presented webinar on “**High Performance Concrete – Industry Perspective**” Overview with Introduction on HPC & HPC applications with case study with it’s general characteristics, also research potential in this topic were discussed.

JNNCE Students were benefited as this topic is industry oriented and also final year students can choose this as their project topic. Other than JNNCE students participants from various other universities got benefitted with this webinar.

There were total 108 registrations from various parts of our country in which 76 of them actively participated in this webinar.

Annexure - 5

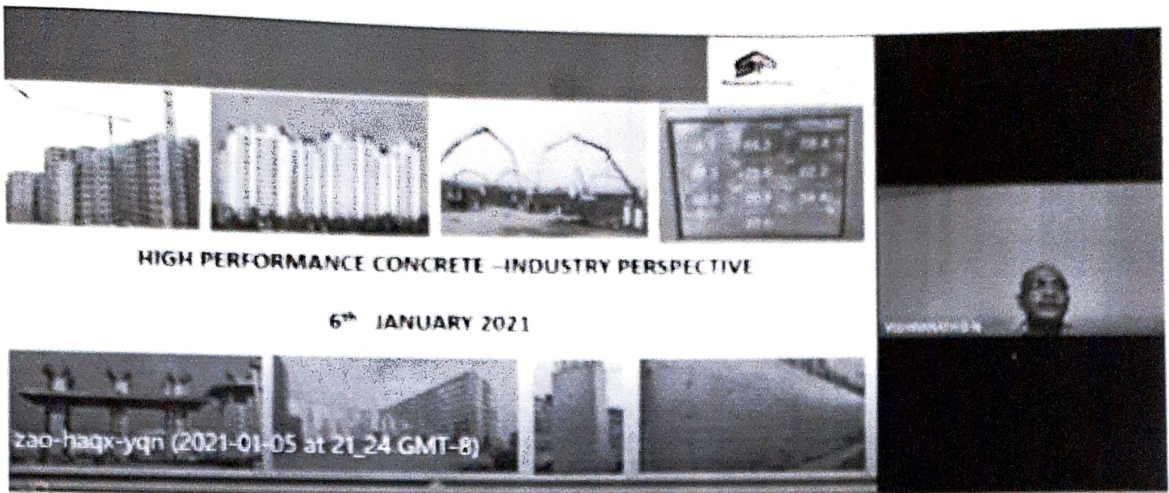


Photo 1



Photo 2

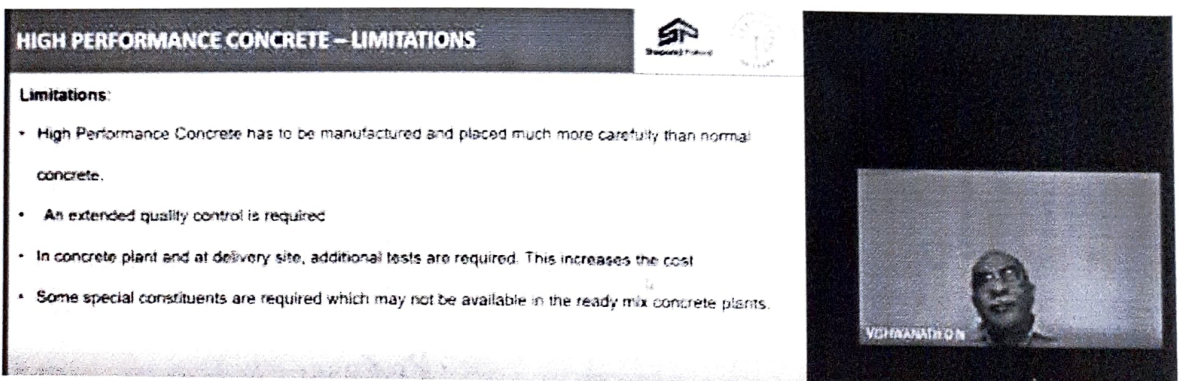







Photo 3

<p>CHIEF PATRONS</p> <p>Sri. A. Sivasubashtha President, National Education Society, Shivamogga Sri. T. R. Ashwathi Narayana, Secretary, Shivamogga Vice-President, National Education Society, Shivamogga Sri. S. N. Magaraja Secretary, National Education Society, Shivamogga Sri. Anandharathna Muralidhar Joint Secretary, Shivamogga Sri. C. R. Nagareel Treasurer, National Education Society, Shivamogga</p>	<p>How to Register?</p> <ul style="list-style-type: none"> * No registration Fees * Last date for Registration -05/01/2021, 10:00 Pm IST * To register fill Google form Link below https://forms.gle/DC0d8tUW10U12015 Scan to connect  <p>* Link will be sent to confirmed participants half an hour before start of session through Email & WhatsApp.</p>	<p>National Education Society® J.N.N College of Engineering (Approved by AICTE, Certified by UGC 27 & 12B, Accredited by NAAC & NBA) Sivamogga road, Nivulu, Shivamogga, Shivamogga Karnataka principal@necs.ac.in</p> <p>Department of Civil Engineering Internal Quality Assurance Cell (IQAC)</p>  
<p>Dr. Shashidhar K Kudari J.N.N College of Engineering, Shivamogga - 577204</p> <p>Dr. Manjunatha P Dean Academic, J.N.N College of Engineering, Shivamogga - 577204</p> <p>Dr. M. M. Rajalah Hegde Dean Infrastructure, J.N.N College of Engineering, Nivulu, Shivamogga - 577204</p>	<p>For Further Details Contact</p> <p>Organizing Chair Dr. Karthika B S Associate Professor & Head, Department of Civil Engineering</p> <p>Organising Co-ordinators Mr. A N Srinivasa Pandit Head of Department, Department of Civil Engineering E-mail: jns@necs.ac.in Pn: +919901737366</p> <p>Mr. Sabharwalrao S Head of Department, Department of Civil Engineering E-mail: sabharwalrao@necs.ac.in Pn: +918277996700</p>	<p>Shapoorji & Pallonji Co.Ltd.</p> <p>Shapoorji Pallonji</p> <p>Is Organising</p> <p>National Level Webinar on "High Performance Concrete – Industry Perspective"</p> <p>Date: - 06th JAN 2021 Time: - 11:00 Am to 1:00 Pm</p>
<p>WHO CAN REGISTER?</p> <p>*ENGINEERING STUDENTS, ENGINEERING FACULTY, WORKING PROFESSIONALS, RESEARCH SCHOLARS - RELATED TO CIVIL ENGINEERING DOMAIN. Online platform - Google meet, Confirmed participants will be informed through Email only.</p>		



J.N.N College of Engineering
(Approved by AICTE, New Delhi, Certified by UGC 27 & 12B,
Accredited by NAAC & NBA)
Internal Quality Assurance Cell (IQAC)



Certificate of Participation

This certificate is presented to

Dr Ajay N

OF

RASTA - Center for the Road Technology

for participating in National Level webinar "High Performance Concrete (HPC) – Industry
Perspective" held on 06-01-2021.

Asst. Prof.
Dr. Karthika B S
Head of Department,
J.N.N.C.E., Shivamogga.

Dr. N
Mr. A N Srinivasa Pandit
Head of Department,
J.N.N.C.E., Shivamogga.

Dr. N
Dr. Shashidhar K Kudari
Principal,
J.N.N.C.E., Shivamogga.

Professor & Head
Department of Civil Engineering
J.N.N. College of Engineering
Shivamogga-577204.

Dr. N
Dr. N. Edison

S. Subashwara

National education Society (R)
Jawaharlal Nehru National College of Engineering, Shivamogga
Internal Quality Assurance Cell

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Event Report

(To be furnished within three days from the date of the event)

Department of Civil Engineering

Name of the Event	5 days FDP on “Application of Artificial Intelligence(AI) in Civil Engineering - AAICE 2020”
Date of the event and venue	20 th July 2020 to 24 th July 2020 JNNCE (Online)
Type of the Event & Event Count	FDP
Whether the event is organized in association with any institute / research organization / industry / professional society/ JNNCE Dept.(in case of inter-departmental event)	INDIAN SOCIETY FOR TECHNICAL EDUCATION
Details of the funding received from associating partners	No
Beneficiaries	Faculties of Engineering Scientist of R&D institutes Research scholars and AI enthusiast List is enclosed in Annexure – 2
Detailed schedule with the topics covered	Enclose as Annexure – 3
List of Speakers / guests	Enclose as Annexure – 4

Photos (Max. 5) (with date and time)	Enclose as Annexure - 5
Invitation of Inaugural & Valedictory programme/ Event Brochure / Press Clippings	Enclose as Annexure - 6
Date of Submission of the Report	

Signature with date

Beartiq
30/7/20
[Signature]
30/07/20
Event Coordinator

[Signature]
Dept. IQAC Coordinator

Beartiq
HOD
30/7/20

Annexure – 2

Full Name	Name of Institution	Designation
Mr.CHANDRAKANTH RAMA NAIK	GOVERNMENT ENGINEERING COLLEGE, HUVINAHADAGALI	Asst Professor
GAYANA B C	National Institute of Technology Karnataka,Surathkal	Research Scholar
Dr. PUNITH B KOTAGI	The National Institute of Engineering, Mysuru	Assistant Professor
Vishal R Khandagale	Akshaya Institute of Technology	Assistant Professor
SAGAR H	J N N college of Engineering, Shimoga	Assistant professor
MR. NEERAJ S.N	JNN college of Engineering	Assistant professor
Mr ANIRUDH N	J N N COLLEGE OF ENGINEERING	Assistant Professor
Mrs. Deepthishree S A	Sahyadri College of Engineering and Management, Mangalore	Assistant Professor
Mr. RAVICHANDRA HONNALLI	BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT, BALLARI	ASSISTANT PROFESSOR
Ms. Sharmila H C	R R Institute of Technology	Assistant Professor
Mr. GURUPRASHANTH N	JAIN INSTITUTE OF TECHNOLOGY, DAVANGERE	ASSISTANT PROFESSOR
SHRUTHI.N.P	Government Polytechnic, Harihara	Lecturer
Dr. SRIDHAR R	SJB Institute of Technology	Professor
Prof RAGHUNATH DIWAKAR DESHPANDE	KLS Gogte Institute of Technology, Belagavi	Assistant Professor
Mr. PUNITH N	NRAM Aided Polytechnic, NITTE	LECTURER
MUTHUSNEHA.V	SJBIT Bangalore	PG Student
Mrs. SELSIADEVI S	ACS COLLEGE OF ENGINEERING, BANGALORE.	ASSISTANT PROFESSOR
GANESH PRASANNA S	J N N College of Engineering, Shivamogga	Assistant Professor
AMBRISH	RRCE BANGALORE	Quality Engineer
Mr. VINAYA SHYAM D	SDM Institute of Technology Ujire	Assistant Professor
Mr.SHANMUGARAJ M	VSVN Polytechnic College, Virudhunagar	Lecturer
ROJIN P	VimalJyothi Engineering College, Kannur	Assistant Professor
Kailash VastimalLohar	NICMAR	Student

SHRUTHI H C	Government Polytechnic, Harapanahalli	Lecturer
Dr. Tejas D. Doshi	KLE Dr. M. S. Sheshgiri College of Engineering and Technology, Belagavi, Karnataka	Assistant Professor
VISHWANATH	Aurora's Technological & Research Institute Uppal	Assistant Professor
RAMESH B M	SJB INSTITUTE OF TECHNOLOGY	Assistant Professor
HRIDYA P	VimalJyothi Engineering College, Kannur	Assistant Professor
SEEMA B RAJ	GOVERNMENT ENGINEERING COLLEGE, HASSAN	STUDENT
Dr. RAVINDRA S	J. N. N. College of Engineering, Shivamogga	Associate Professor
Dr.BasavarajaSimpi	Government Engineering College, Hassan	Assistant Professor
Mrs. NAYANA MANOHARI T K	Sai Vidya Institute of Technology	Assistant Professor
Mr. ROSHAN RAI	NMAM Institute of Technology, Nitte.	Assistant Professor
Ms. Anju Anne Varghese	ACS College of Engineering	Assistant Professor
Mr.Gururaj Acharya	Nittmahalinghaadyanthaya memorial institute of technology, NITTE Karkala	Assistant professor
Mr LOHITHA S J	D R R Government Polytechnic Davanagere	Lecturer
BirukTagesseLambe	National Institute of Technology Karnataka, Surathkal	PhD Research Scholar
Mr.VISHWANATHA BHAT	S D M INSTITUTE OF TECHNOLOGY, UJIRE	ASSISTANT PROFESSOR
SHASHIKUMAR M HIREMATH	J.N.N.College of Engineering Shivamogga 577204	Assistant Professor
Rajeshwari R	PES University, Bengaluru	Research Scholar
KANCHANA H J	JNNCE, Shivamogga	Assistant Professor
Mr. PRAVEEN JYOTI	Tontadarya College of Engineering Gadag	Assistant Professor
AKSHATHA M	J N N College of Engineering Shivamogga	Assistant Professor
SUNIL S	RV College of Engineering	Assistant Professor
GEETHA L	Dayananda Sagar college of Engineering	Assistant Professor
Dr. Manjunath S Amalkar	Higher College of Technology,	Lecturer and

	Muscat	Assessment Head
SUPRIYA M J	Malnad college of Engineering	Assistant professor
Mr. Thushar Shetty	NMAM Institute of Technology, Nitte	Assistant Professor
SABARESHWARAN.S	JNN College Of Engineering	Assistant Professor
Pradeep Karanth	NMAMIT, Nitte	Assistant Professor
Ms. AISWARIA K	The National Institute of Engineering, Mysore	Assistant Professor
Ms PREMLATHA K NAIDU	SKSVMACET Lakshmeshwar	Assistant Professor
Mrs. CHAYA D Y	J N N College of Engineering	Assistant Professor
MrSagar S	Mangalore Institute of Technology and Engineering, Moodbidri	Assistant Professor
Mr. SUNNY K	EAST WEST INSTITUTE OF TECHNOLOGY	Assistant Professor
Ms. SUSHMITHA G S	Mangalore Institute of Technology and Engineering, Moodbidri	Assistant Professor
ThanushreeHegde	NMAMIT, NITTE	Assistant Professor
BINDIYA K	Jawaharlal Nehru National College of Engineering, Shivamogga	Assistant Professor
KAVAN M R	Adichunchanagiri institute of technology, chikkamagaluru	Assistant Professor
A.N.SRINIVASA PANDIT	J.N.N.College of Engineering	Assistant professor
Mr. YASHWANTH M K	Mangalore Institute of Technology and Engineering	Assistant professor
Mr. SINTAYEHU YADETE TOLA	NITK, SURATHKAL	Ph.D. Scholar
NAVEEN KUMAR S M	Adichunchanagiri Institute of Technology, Chikkamagalur	Assistant Professor, Department of Civil engineering
Prof. Shiva Shankar K M	ACS College of Engineering, Bengaluru	Assistant Professor
HARSHA H N	Government Engineering College, Hassan	Assistant Professor
NIRANJANA K	Thejus Engineering College	Assistant Professor
UMESH GHATAGE	Karnataka Science and Technology Academy, DST,GoK	Scientific Officer

HARIPRASAD S	CITY ENGINEERING COLLEGE, BENGALURU	STUDENT
Mrs SNEHA M K	Acahraya Institute of Technology Bengaluru	Assistant Professor
SINDHU K.V.	NRAMP,NITTE	Selection Grade Lecturer
MOHAMED IBRAHIM N	J N N College of Engineering	Assistant Professor
VINAYAK NAIK	GOVERNMENT POLYTECHNIC SIDDAPUR	Lecturer
Mr. PANDITHARADHYA B J	NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA	Research Scholar
Prof.MANJUNATHA H	GOVERNMENT ENGINEERING COLLEGE HAVERI	Asst.Prof
Dr. NANJUNDASWAMY P	S J C E, J S S Science and Technology University, Mysuru	Professor
Prof H NARENDRA KUMAR	SJB INSTITUTE OF TECHNOLOGY, Bengaluru	Associate Professor
RINNET FRANCIS	VimalJyothi Engineering College,Chemperi,Kannur	Assistant Professor
VARSHA M V	Malnad college of engineering, Hassan	M.tech student
RADHIKA K N	East West Institute of Technology, Bengaluru	Associate Professor
Mrs. Sujata Suresh Badagi	Tontadarya College of Engineering Gadag	Assistant Professor
ANAND B	JNNCE	ASSISTANT PROFESSOR
Dr.NANDEESHA	Siddaganga Institute of Technology, Tumkur	Professor
DrGaneshaMogaveera	Mangalore Institute of Technology and Engineering,Moodabidri	Professor and Head
Dr.RAMESHA MITHANTHAYA I	N.M.AM.Institute of Technology, Nitte	Professor in Civil Engineering
Dr. Jayaprakash M C	Mangalore Institute of Technology & Engineering	Assistant Professor
Sreejith K	Vimaljyothi Engineering College	Assistant Professor
Dr.SUMA.T	Sri Venkateshwara College of engineering, Bengaluru	Associate professor
SANJITH J	Adichunchanagiri Institute of Technology, Chikkamagaluru	Assistant Professor
Mr.Sanjay S J	PES Institute of Technology Shivamogga	Assistant Professor
AKSHAYA KRISHNA N	MANGALORE INSTITUTE OF TECHNOLOGY AND	ASSISTANT PROFESSOR

	ENGINEERING MOODABIDRI	
MR. RAGHU K	THE NATIONAL INSTITUTE OF ENGINEERING, MYSURU	RESEARCH SCHOLAR
Mrs. SHILPA SHET S	Acharya Institute of Technology, Bangalore	Assistant Professor
PREMANAND KUMBAR	Government engineering College Hassan	Assistant professor
Mr. NityanandKudachimath	Jain College of Engineering, Belagavi	Assistant Professor
Dr.RAVI KUMAR.H	Sir M.Visvesvaraya Institute of Technology,Bengaluru	Associate Professor
Ms. BABITHA B	AJ Institute of Engineering and Technology, Mangaluru	Assistant Professor
Mrs.Shashikala.S.Shankar	Moodlakatte Institute of Technology,Kundapura	Asst.Professor
Mr. Bhuvan Kumar V.S	J N N College of engineering, shivamogga	Assistant professor
Ms. Nisha A V	JNN college of Engineering, Shivamogga	Civil Engineer
ARUN V	JNNCE	Assistant professor
Dr. M LOKESHWARI	R V College of Engineering, Bengaluru	Associate Professor
Prof. Keerti M Nashimath	KLS GIT Belagavi	Assistant Professor
BHARATI HEGDE	M E S R N Shetty polytechnic Sirsi (UK)	Selection grade lecturer
Kanchan B Kanagali	Gogte Institute of Technology	Assistant Professor
Nishant	Gujarat University	Research Scholar
DEVANAND R	Government Engineering College Hassan	Asst Professor
Mrs.THANGAMANI R	N.M.A.M.INSTITUTE OF TECHNOLOGY	ASSISTANT PROFESSOR II
Dr. SumanKundapura	A J Institute of Engineering and Technology	Associate Professor
Mr. Adarsh H. S.	Basaveshwar engineering college, Bagalkot	PG Student
RASHMI N	VISSJ Government Polytechnic,Bhadravathi	Lecturer
Mr.LOGI N BOBY	Vimaljyothi college of engineering, Chemperi	Assistant professor
Ashwini R M	Gitam School of Technology, Gitam Deemed to be University,Bengaluru	Asst.Professor
ARYASHIKHA	NMAMIT NITTE , KARKALA	M.TECH SCHOLAR

Dr. Sughosh P	J N N College of Engineering, Shivamogga	Assistant professor
Ms. Reena James Rodrigues	Basaveshwar Engineering College Bagalkot	PG student
MuditAsati	NICMAR PUNE	Student
Dr. SurajitMunshi	CMR Institute of Technology	Assistant Professor
Mr. ASHIK BELLARY	Nitk, Surathkal	PhD Research Scholar
SOWJANYA G V	Sri Siddhartha Institute of Technology , Tumakuru	Assistant Professor
Mrs. THASEEN BHASHITH	J N N College of Engineering	Assistant professor
UMAPATHI	J N N C E, Shivamogga	Assistant Professor
PRITHVIRAJ B R	Brindavan College of Engineering Bangalore	Assistant Professor
SUJAY S	Rajeev Institute of Technology, Hassan	Asst. Professor
Mr. ShriramMarathe	NMAM Institute of Technology, Nitte	Assistant Professor
AMAR R	Government Engineering College, Mosalehosahalli	Assistant Professor
Prof. Varsha Gokak	KLE Dr.M.S. Sheshgiri College of Engineering and Technology	Asst. Professor
Dr.K.N.Vishwanath	DAYANANDA SAGAR ACADEMY OF TECHNOLOGY & MANAGEMENT, BENGALooru	PROFESSOR & HEAD, DEPARTMENT OF CIVIL
DATTATREYA S BHASARI	J N N College of Engineering , Shivamogga	Assistant Professor
DR AKSHAYA B J	ATME College of Engineering, Mysuru	Associate Professor
Dr. SHIVANNA S	Sir MVIT, Bangalore	Associate Professor
Dr. R Mourougane	M S Ramaiah Institute of Technology	Associate professor
Vinayak Ashok Hosur	DSATM Bangalore	Assistant Professor
Mr.Nidhi R	Malnad college of engineering	Student
Prof. FauwazParkar	Anjuman-i-Islam's Kalsekar Technical Campus, Panvel	Asst. Prof.
ASWATHY J S	THEJUS ENGINEERING COLLEGE, VELLARAKKAD	ASST.PROFESSOR

Annexure – 3

Day and Date	10.00 AM to 10.30AM	10.30AM - 12.00 PM	2.30 PM - 4.00 PM	4.00 PM to 4.30 PM
20-07-2020 Monday	Inauguration	Dr.Paresh Chandra Deka Session 1: Introductions to AI.	Dr.Chandre Gowda Session 2: Application of artificial intelligence in hydrology and water resources.	
21-07-2020 Tuesday		Dr.Sukomal Mandal Session 3: AI in assessing concrete strength and materials.	Dr. Amit Prakash Patil Session 4: Application of Hybrid Artificial Intelligence Models, a Case Study for Estimating Evapotranspiration.	
22-07-2020 Wednesday		Dr. Sanjeev Gadad Session 5: AI in Offshore wind modeling.	Dr. Kumar Raju Session 6: Deep Learning for Remote Sensing.	
23-07-2020 Thursday		Dr. Harish N Session 7: Optimization techniques and their Application in Civil Engineering.	Dr. Prashanth J Session 8: Introduction to Neural Networks and its application in coastal engineering.	

24-07-2020 Friday		Dr.Kiran M Session 9: Artificial Swarm Intelligence - Nature Inspired Optimization Techniques.	Dr. GeethaKuntoji Session 10: Introduction and Application of AI tools in Marine Structures.	Valedictory Function
----------------------	--	---	---	-------------------------

Annexure – 4



Dr. Paresh Chandra Deka

*Professor, Department of Applied Mechanics and Hydraulics,
NITK Surathkal*

Dr. Sukomal Mandal

*Ret Chief Scientist,
CSIR-National Institute of Oceanography, Goa*



Dr. Harish N

*Assistant Professor, Department of Civil Engineering,
NIT Goa*

Dr. Prashanth J

*Assistant Professor, Department of Civil Engineering,
NIT Silchar*



Dr. Sanjeev Gadad

*Post-Doctoral Fellow, Department Civil Engineering,
IIT Bombay*

Dr. Kiran M

*Assistant Professor, Department of Information
Technology, NITK Surthkal*



Dr. Chandre Gowda

*Associate Professor,
Jyothy Institute of Technology, Bengaluru*

Dr. Kumar Raju B C

*Associate Professor,
Spatha giri college of Engineering, Bengaluru*



Dr. Amit Prakash Patil

*Associate Professor, Annasaheb Dange College of
Engineering and Technology, Ashta, Maharashtra.*

Dr. Geetha Kuntoji

*Assistant Professor, Department Of Civil Engg,
BMS College of Engg, Bengaluru*



Annexure – 5

AAICE - 200 : Invitation for Inauguration of 5 days FDP or (7) Session 1: Inauguration of 5 days FDP or

youtube.com/watch?v=cK-p6sqRD7I&feature=youtu.be

YouTube

Search

Inauguration of 5 days FDP or

People (6)

Add people

JANICE CIVIL (YOU)

Alkathia M

Dr. H R Mahadevan

Narasimha Murthy K

Nitin A Y ALNICEVO

paresh.deka

Session 1: Inauguration and Presentation by Dr.Paresh Chandra deka

Unlisted

98 watching now

10 0

SHARE SAVE

Top chat

- narendra kumar hanumanthaiah prof H NARENDRA KUMAR, ASSOCIATE PROFESSOR, CED, SJB INSTITUTE OF TECHNOLOGY, BENGALURU
- Dr. Ravikumar H Audio is not coming sir
- narendra kumar hanumanthaiah good morning to everyone
- narendra kumar hanumanthaiah hi HRK
- Rabinandan Jayakumar sir plz unmute it
- H Manjunatha good morning to everyone
- Varsha G Good morning all, this is prof.Varsha Gokak, KLE Dr M S Sheshgiri College of engineering and technology, Belagavi
- priyanka s gd morning everyone, iam Priyanka S, Assistant professor at Sri venkateshwara college of Engineering, Bengaluru
- Dr.I R Mithanthaya NMAMIT Good Morning to all
- Dr. Sridhar R Best wishes to the program

Bindiya K Say something...

AAICE - 200 : Invitation for Inauguration of 5 days FDP or (7) Session 1: Inauguration of 5 days FDP or

youtube.com/watch?v=cK-p6sqRD7I&feature=youtu.be

YouTube

Search

Inauguration of 5 days FDP or

People (6)

Add people

JANICE CIVIL (YOU)

Alkathia M

Dr. H R Mahadevan

Nitin A Y ALNICEVO

paresh.deka

Session 1: Inauguration and Presentation by Dr.Paresh Chandra deka

Unlisted

114 watching now

16 0

SHARE SAVE

Top chat

- ಶಾರತ್ ಶಾಸ್ತ್ರಿ ಭಾರತಿ ಗುಂಡಿಗಡ್ಡೆ
- Sharath B good morning
- bharati g h gundigadde g.m.all
- Dinesh KUMAR B good morning
- rudresh gowda Rudresh A N, ATMECE, Mysuru
- Sangeetha T S Rao Good morning
- Prithvi Raj assistant professor ,brindavan college of engineering Bangalore
- Anil Acharya good morning
- pramod934 Good morning sir
- SHREEDHAR K R shreedhar K R assistant professor department of Civil engineering Government engineering College HuvinaHadagali
- Rojin P CE Good morning sir
- Rinnet Francis Good morning Sir

Bindiya K Say something...


Search results - bindi x (9) AAICE Session 3 : D x AAICE : Session 3 - 7 x dhl x functional relationsh x FUNCTIONAL RELAT x

youtube.com/watch?v=TVYnO51488s&feature=youtu.be

YouTube IN Search

Session 3

subkomal mandal is presenting



AAICE Session 3 : Dr. Sukomal mandal

Unlisted

59 watching now • Started streaming 71 minutes ago

5 0 SHARE SAVE

Top chat

- Raghavendra Naik gm
- Ashwini R M sir voice is not clear.
- Prithvi Raj sir please hide the bottom menu bar and voice is not audible correctly
- Shanthikiran M good morning all
- Ashik Bellary Dear Sir, On what basis the type of activation function is decided?
- Shri Ram Civil Dept - NMAMIT @admin: Please make it as full screen view.
- Dr.I R Mithanthaya NMAMIT Voice is not clear
- Manjunath Amalkar yes
- JNCC CIVIL <https://forms.gle/GkrjTxsRpizeDLEZ>
- Rabinandan Jayakumar feedback link
- bharati g h gundigadde thank you sir
- Bindiya K Say something...

Type here to search

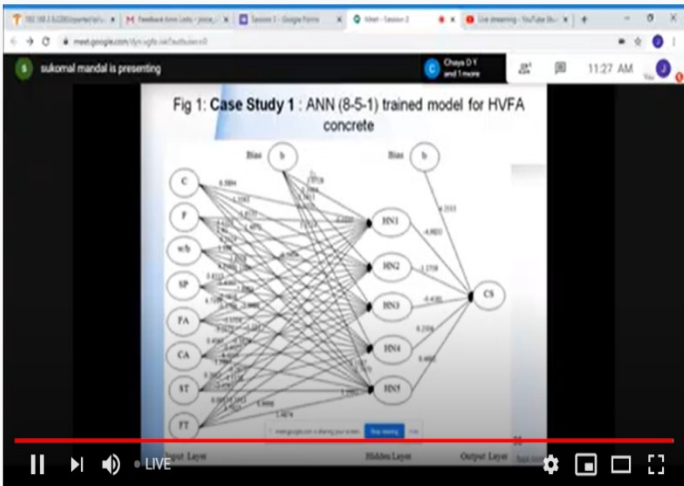
Search results - bindiyak@ x (9) AAICE Session 3 : D x safe bearing capacity of dil x theconstructor.org x dhl x

youtube.com/watch?v=TVYnO51488s&feature=youtu.be

YouTube IN Search

Session 3

subkomal mandal is presenting



AAICE Session 3 : Dr. Sukomal mandal

Unlisted

67 watching now • Started streaming 48 minutes ago

5 0 SHARE SAVE

Top chat

- Sowjanya G.V. voice break
- narendra kumar hanumanthaiah voice breaking, incoherent
- utino worabo still voice is not clear
- Ashwini R M voice is not clear.
- Surajit Munshi voice is breaking, I think network problem
- Raghavendra Naik gm
- Ashwini R M sir voice is not clear.
- Prithvi Raj sir please hide the bottom menu bar and voice is not audible correctly
- Shanthikiran M good morning all
- Ashik Bellary Dear Sir, On what basis the type of activation function is decided?
- Shri Ram Civil Dept - NMAMIT @admin: Please make it as full screen view.
- Bindiya K Say something...

Annexure – 6

Chief Patrons

Sri. A S Vishwanatha
President, National Education Society, Shivamogga.

Sri. T R Ashwath Narayana Setty
Vice-President, National Education Society, Shivamogga.

Sri. S N Nagaraja
Secretary, National Education Society, Shivamogga.

Sri. Amarendra Kireeti
Joint Secretary, National Education Society, Shivamogga.

Sri. C R Nagaraj
Treasurer, National Education Society, Shivamogga.

Patrons

Dr. H R Mahadevaswamy
Principal,
J.N.N College of Engineering,
Navule, Shivamogga - 577 204

Who Can Register ?

- Faculties of Engineering.
- Scientists of R&D institutes .
- Researcher Scholars and AI enthusiast.
- Practicing Engineers.

* Link for joining the WEBINAR will be sent to the registered participants via Mail.

** e-certificate will be provided for all the participants.

How to Register

- There is no registration fee for the program.
- However, for registration please fill up the form given in the link below

https://cutt.ly/ai_webinar_jnnce

click or scan to connect



Last Date for Registration

18th July 2020

For further details contact

Organizing Secretary

Dr. Karthika B S
Associate professor & Head,
Department of Civil Engineering,
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Navule, Shivamogga - 577 204
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✉ hod_civil@jnnce.ac.in

Organizing Coordinator

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J.N.N College of Engineering,
Navule, Shivamogga - 577 204
☎ +91 97415 21555
✉ rabinandan@jnnce.ac.in

Student Coordinator

Nitin A V
USN - 4IN16CV064
Student, Department of Civil Engineering,
JNNCE, Shivamogga - 577 204
☎ +91 70902 96869

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Recognized by Govt., of Karnataka, Affiliated to VTU, Belagavi.)

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✉ principal@jnnce.ac.in
🌐 www.jnnce.ac.in

Internal Quality Assurance Cell (IQAC)
Department of Civil Engineering
in association with.
Indian Society for Technical Education (ISTE)





Organizing
5 Days Faculty Development Program (FDP)
ON

Application of Artificial Intelligence in Civil Engineering (AAICE-2020)

From
20th July 2020 – to – 24th July 2020

Morning Session
10:30 AM to 12:00 PM

Afternoon Session
02:30 PM to 04:00 PM



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 wide range of disciplines such as Engineering, Science, Pharmacy, Commerce, Humanities, Education, Law, Business Administration, Physical education, Computer application and Applied Sciences.
- The management in 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 JNNCE

JNNCE was established in the year 1980 by the National Education Society. The college is affiliated to Visvesvaraya Technological university (VTU), Belgaum and recognized by AICTE, New Delhi. Institution is NAAC accredited and UGC 2f and 12B certified. It offers 7 UG (*all the branches are NBA Accredited upto 30-06-2022*) and 7 M.Tech program besides MBA and MCA. It has 7 research Centers recognized by VTU. Spread over 52 acres, the campus has all the amenities to cater to the needs of about 3500 students and 400 faculty and staff. All the departments have good infrastructure facilities with highly qualified and experienced faculty, staff and well equipped laboratories. The college is regarded as one of the excellent centers for technical education and research. JNNCE is ranked 34th among top Engineering colleges in India and 7th in Karnataka as per outlook survey 2019. The college is providing its fruitful services in the 39th year. The college organizes international and national workshop, conferences, seminars and short term courses on a regular basis. The institution has IEEE as well as ISTE members.

About Civil Engineering Department

- Civil engineering plays a vital role in the progress and development of a modern society, for its art and science of designing, constructing, maintaining and managing of infrastructure. *The Department of Civil Engineering was*

started in the academic year 1980 with an intake of 40 and increased to 120 Nos. from the year 2011

- The B.E.- Civil Engineering programme was accredited by National Board of Accreditation, New Delhi. The department of Civil Engineering offers quality engineering education based on affiliating university (Visvesvaraya Technological University - VTU) supported by imparting content beyond syllabus for the attainment of course outcomes and program out comes.
- The Department is equipped with excellent laboratories provided with state-of-art equipment and experimental facilities. The Department is also having a well-equipped separate CADD and CABD lab for the usage of the Civil Engineering students and Staff. *The Department has 22 teaching staffs, 6 technical staffs and 5 supporting staffs.*
- Apart from the curriculum, department aims at conducting number of programmes, where in student's participation is encouraged. The flagship event of the department **CONSTRO** being an annual activity, most of the activities will be carried out through out the year.

About the workshop

Focus of the Programme

- In times of Public Health Emergency due to COVID-19, research acumen in Civil Engineering needs to be revisited. To give a new dimension to present research culture and to highlight the shift from field based investigation, the programme introduces you to domain of Artificial Intelligence application in Civil Engineering (AAICE-2020).
- During five days programme, experts in Soft Computing Techniques will deliver lectures and interactions on advanced topics like, Concrete Technology, Marine engineering, Hydrology & Water Resources, and Wind Modelling.
- The programme will be from 20-7-2020 to 24-7-2020. The lectures will be streamed live online and organised as morning session (10:30 AM - 12:00 PM) and afternoon session (2:30PM - 4:00 PM).

Speakers



Dr. Paresh Chandra Deka
Professor, Department of Applied Mechanics and Hydraulics,
NITR Surathkal



Dr. Sukomal Mandal
Ret Chief Scientist,
CSIR-National Institute of Oceanography, Goa



Dr. Harish N
Assistant Professor, Department of Civil Engineering,
NIT Goa



Dr. Prashanth J
Assistant Professor, Department of Civil Engineering,
NIT Silchar



Dr. Sanjeev Gadad
Post-Doctoral Fellow, Department Civil Engineering,
IIT Bombay



Dr. Kiran M
Assistant Professor, Department of Information
Technology, NITR Surathkal



Dr. Chandre Gowda
Associate Professor,
Jyothy Institute of Technology, Bengaluru



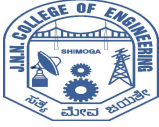
Dr. Kumar Raju B C
Associate Professor,
Spathagiri college of Engineering, Bengaluru



Dr. Amit Prakash Patil
Associate Professor, Jnanashree Dange College of
Engineering and Technology, Ahta, Maharashtra.



Dr. Geetha Kuntoji
Assistant Professor, Department of Civil Engg,
BMS College of Engg, Bengaluru



National Education Society®
J N N College of Engineering, Shimoga
Department of Electrical & Electronics Engineering
In association with
Institution of Electronics and Telecommunication Engineers (IETE),
Shivamogga center

Invitation

You are cordially invited for the
Inauguration

of

One Week Online FDP on

“Recent Trends and Emerging Technologies
in Solar and Wind Energy Conversion Systems”

10th to 14th August 2020

Chief Guest : **Dr. R. P. Sainy**
Prof. & MNRE Chair Professor
Dept. of Water & Renewable Energy, IIT, Roorke

Guest of Honour : **Sri. S.N. Nagaraja**
Secretary, NES. Shimoga

Presided by : **Dr. H. R. Mahadevaswamy**
Principal, JNNCE, Shimoga

Presence : **Dr. P. Manjunatha**
Professor & Dean Academic

Dr. A. H. Thejaswi
HoD, Dept. of EEE, JNNCE
Convener of FDP

Date: 10-08-2020,

TIME: 10AM

*****Welcome you all*****

Co-Conveners

Dr. H.B. Suresh
Dr. S. Surendra

Coordinators

Mr. N G. Ajanna
Mr. K.B. Veerasha
Mr. Vidyashankar M

HOD and Staff

Dept of EEE.
JNNCE



NATIONAL EDUCATION SOCIETY®
J N N COLLEGE OF ENGINEERING, SHIVAMOGGA
Department of Electrical & Electronics Engineering



One-week online Faculty Development Program (FDP) on
“Recent Trends and Emerging Technologies in Solar and
Wind Energy Conversion Systems”

10th to 14th August 2020

Schedule of the FDP

Date	Time	Topic	Resource Person
10-8-2020	10.00 am to 10.30 am	INAGURATION	DELEGATE'S
	10.30 am to 12.30 pm	Solar & Wind Energy Development Technologies	Dr. R.P. Sainy, IIT-ROORKE
11-8-2020	10.30 am to 12.30 pm	Recent & Emerging trends in Solar PV Systems	Dr.B.Venkatesa Perumal, NITK-SURATKAL
12-8-2020	10.30 am to 12.30 pm	Techno Commercial Analysis of Solar Solutions	Dr. Narendranath Udupa, ENERGY CONSULTANT-BANGALORE
13-8-2020	10.30 am to 12.30 pm	Integration of solar and wind energy conversion system to grid and associated problems	Dr. Abhijith Kulkarni, HONEYWEL-BANGALORE
14-8-2020	10.30 am to 12.30 pm	Economic Analysis of Wind Energy Conversion Systems	Dr. Diwakar.R.Joshi, GOGTE INSTITUTE OF TECHNOLOGU-BELGAUM.

Co-Conveners

Dr. H.B. Suresh
Dr. S Surendra

Coordinators

Mr. N G. Ajjanna
Mr. K.B. Veerasha
Mr. Vidyashankar M

Convener

Dr. A.H.Thejaswi
Prof. & Head
Dept. of EEE

Chief Patrons

Sri. A S Vishwanatha

President, National Education Society, Shivamogga.

Sri. T R Ashwath Narayana Setty

Vice-President, National Education Society, Shivamogga.

Sri. S N Nagaraja

Secretary, National Education Society, Shivamogga.

Sri. Amarendra Kireeti

Joint Secretary, National Education Society, Shivamogga.

Sri. C R Nagaraj

Treasurer, National Education Society, Shivamogga.

Patrons

Dr. H R Mahadevaswamy

Principal,
J.N.N College of Engineering,
Navule, Shivamogga - 577 204

Convener

Dr. A H Thejaswi

Professor and Head,
Department of E&E Engineering,
J.N.N College of Engineering,
Navule, Shivamogga - 577 204

Co-Convener

Dr. H B Suresh

Professor,
Department of E&E Engineering,
J.N.N College of Engineering,
Navule, Shivamogga - 577 204

Dr. S Surendra

Professor,
Department of E&E Engineering,
J.N.N College of Engineering,
Navule, Shivamogga - 577 204

* Link for joining the FDP program will be sent to the registered participants via Mail.

** e-certificate will be provided for all the participants.

How to Register

<https://forms.gle/8RLR1369De3SPFSq5>

click or scan to connect



LAST DATE FOR REGISTRATION

08th August 2020

Bank Details

- Account Name - Principal, JNNCE, Shimoga
- Account Number - 6322201000004
- Bank - Canara Bank
- IFSC code - CNRB0006322
- Branch - JNNCE Campus Branch, Shimoga

Note

- Participants has to pay a registration fee of 100/- Rs.
- Proof of copy has to be uploaded in the same form (above).

For further details contact

Organizing Coordinators

Mr. N G Ajjanna

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Mr. Vidyashankar M

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Organizing. one week online

Faculty
Development Program

on

**RECENT TRENDS &
EMERGING
TECHNOLOGIES IN
SOLAR AND WIND ENERGY
CONVERSION SYSTEMS**

From

10th August 2020

to

14th August 2020

10:30 AM

to

12:30 PM



All the departments have good infrastructure facilities with highly qualified and experienced faculty, staff and well equipped laboratories. The college is regarded as one of the excellent centers for technical education and research. JNNCE is ranked 34th among top Engineering colleges in India and 7th in Karnataka as per outlook survey 2019. The college is providing its fruitful services in the 39th year. The college organizes international and national workshop, conferences, seminars and short term courses on a regular basis. The institution has IEEE as well as ISTE members.

ABOUT E&E ENGINEERING DEPARTMENT

- The department of Electrical & Electronics Engineering was established in the year 1980 with sanctioned intake of 25 affiliated to University of Mysore till 1990.
- The intake was enhanced to 40 during 1994 and 60 during 1997 during which the program was affiliated to Kuvempu University. Presently the program is affiliated to VTU from 1998 onwards.
- Graduates of this program have acquired M.Tech/MS/PhD programs in country & abroad.
- Alumni's are in Academic, Industries and government bodies like KPTCL/KPC etc. Department provides consultancy services to local organizations and industries and undertakes Electrical maintenance work of JNNCE campus and hostels. In 2014, the department started M.Tech in Power Electronics course with sanctioned intake of 18 under VTU.

ABOUT FDP

FOCUS OF THE PROGRAMME

- World energy demand has been increasing exponentially. Conventional energy resources are exhaustible and limited in supply.
- Therefore, there is a need to conserve what we have and explore alternative energy resources. Among various types of renewable energy resources, solar and wind, energies are the most promising for humankind.
- FDP is planned to impart research skills to the researchers and

teachers to improve the quality of research in the area of solar & wind energy.

- This programme will bring a positive transformation among the faculty members towards research work and enable the participants to develop competence in understanding the recent advances in solar & wind energy systems.
- The eminent personalities from industry and institutes are invited to give presentation.

SCOPE OF THE PROGRAMME

- Participants will be able to work in the field of **RECENT TRENDS & EMERGING TECHNOLOGIES IN SOLAR AND WIND ENERGY CONVERSION SYSTEMS** and it's applications

RESOURCE PERSONS



Dr. R P Sainy
Prof. & MNRE Chair professor,
Dept. of water & renewable energy, IIT - Roorkee



Dr. B Venkatesa perumal
Professor,
Department of E&E, NITK - Surathkal



Dr. Narendranath udupa
Energy consultant,
Bangalore.



Dr. Abhijith kulkarni
Scientist,
Honeywel - Bangalore.



Dr. Diwakar R Joshi
Professor,
Department of E&E Engineering, GIT - Belgaum

WHO CAN REGISTER ?

- Faculties of Engineering.
- Scientists of R&D institutes .
- Researcher Scholars and AI enthusiast.
- Practicing Engineers.

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 wide range of disciplines such as Engineering, Science, Pharmacy, Commerce, Humanities, Education, Law, Business Administration, Physical education, Computer application and Applied Sciences.
- The management in 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.

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Registration Form

AICTE Training and Learning (ATAL)

Faculty Development Programme

on

“Electric Vehicles”

20th to 24th July- 2020

- 1.Name:
- 2.Designation:.....
- 3.Department:
- 4.Email-ID:
- 5.MobileNo:

The information provided by me is true to the best of my knowledge. I agree to abide by the rules and regulations governing the AICTE sponsored FDP on “**Electric Vehicles**” Program. If selected, I shall attend the program for the entire duration.

Date:

Place:

Signature of the Applicant

Mr./Ms./Dr.

is an Employee of our Institute and is hereby permitted for the above One Week AICTE sponsored FDP.

Date :

Place :

Chief Patrons

- Sri A S Vishwanatha, President, NES
- Sri T R AshwathnarayanaSetty, Vice President, NES
- Sri S N Nagaraja, Secretary, NES
- Sri AmarendraKireeti, Joint Secretary, NES
- Sri C R Nagaraj, Treasurer, NES

Patrons

Dr. H R Mahadevaswamy, Principal, JNNCE,
Shimoga

Coordinator

Dr. S. Surendra

Professor & HOD

Dept. of E&E Engg., JNNCE

Organizing Committee

Dr. A. H. Thejaswi, Prof. EEE

Dr. H. B. Suresh, Prof. EEE

Ms. Shailashree K, Assoc. Prof.

Ms. Soumya K. T, Asst. Prof.

Mr. H. M. Maheshwarappa, Asst. Prof.

Ms. Supriya M. R, Asst. Prof.

Mr. Vidyashankar M, Asst. Prof.

Resource Persons

From eminent institutions like, IIT's, NIT's and industries, who are interested in research fields.

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National Education Society ®

JAWAHARLAL NEHRU NATIONAL COLLEGE OF ENGINEERING SHIVAMOGGA, KARNATAKA

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Professor & Head, Mech. Dept., JNNCE

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Dr. K. Sabeel Ahmed

Professor, Mechanical Dept., JNNCE

CO- COORDINATORS

Mr. N. D. Shivanandappa

Asst. Professor, Mechanical Dept., JNNCE

Mr. Srinivasa Murthy M. K.

Asst. Professor, Mechanical Dept., JNNCE

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All Teaching & Non-Teaching Staff

Department of Mechanical Engineering

RESOURCE PERSONS

Mr. Mahesha B. R. Pandit

Founder & CEO,
Rhytify Technologies Pvt. Ltd., Bengaluru.

Dr. Nitin Varma

Professor of Computer Science,
Chitkara University, Chandigarh.

Mr. Keshav Rajgopal

Coach, Mentor and Start-up Advisor,
Bengaluru.



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Professor, Department of Mechanical Engineering, JNNCE
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ABOUT THE INSTITUTION:

JNNCE was established in the year 1980 by the National Education Society. The college is affiliated to Visvesvaraya Technological University (VTU), Belagavi and recognized by AICTE, New Delhi and Government of Karnataka. JNNCE offers B.E., M.Tech., MBA and MCA programmes, as well as M.Sc. (Engg. by Research) and Ph.D. programmes.

JNNCE has emerged as one of the most sought-after education destinations for technical and management education by students and parents from all over India.

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JNNCE has emerged as one of the institutions espoused to the cause of professional education, training and research. A New Initiative "Transformation for Excellence 2.0" has been launched for making JNNCE as one of the top engineering, research, innovation and enterprising institutes in next few years.

ABOUT THE DEPARTMENT:

Established in 1980, Mechanical Engineering department has a dynamic, highly qualified & experienced faculty constantly engaged in R&D activities.

Fully equipped labs with CAD/CAM/CAE, CNC training and Robot facilities and Condition Monitoring lab provide an environment where students can experience the vast expanse of Mechanical Engineering.

The department has a number of research projects in the areas of stress analysis, vibration, composite materials & Bio fuel sponsored by AICTE/VTU.

The department also has been recognized as a research center by VTU, leading to Doctoral and M.Sc. (Engineering) degrees.

DEPARTMENT VISION:

To be a model department with academic excellence and technical expertise, grooming students to become Mechanical Engineers of best quality to meet ever changing needs of industry and society.

DEPARTMENT MISSION:

- ❖ Impart technical education of highest standard by qualified and experienced faculty in the field of Mechanical Engineering through effective teaching learning process.
- ❖ Continuously upgrade knowledge, skill and engage in Research & Development activity by executing challenging projects in association with academia and industry.
- ❖ Imbibe ethical, environmental and social values amongst students using value-based education.

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AICTE Training and Learning (ATAL) Academy is established with the vision "To empower faculty to achieve goals of Higher Education such as access, equity and quality". AICTE is committed for development of quality technical education in the country by initiating various schemes launched by Govt. of India, Ministry of Human Resource Development. Council understand that there is a need to train the young generation in skill sector and having faculty & technicians to be trained in their respective disciplines. Training is required for increasing the knowledge and skills of students to make them more employable to acquire global competencies.

ABOUT THE FDP

The box has been a metaphor for existing and limiting thoughts and processes. There have been calls to think outside of the box - in terms of disruptive innovation. But the disruptive innovation is not an ideal fit for many contexts. The alternative is thinking around the box - the existing systems. The power of little ideas can help transform enterprises as we have seen in the case of Lego. Thus, there is a need to learn this art of doing more with less by thinking around the box.

TENTATIVE TOPICS TO BE COVERED:

- Seeing innovation differently.
- Design Thinking for innovation.
- How little innovations produce big results.
- Masters of the third way: LEGO and Apple.
- The four decisions and why they are different
- Decision 1: The Key Product
- Decision 2: The Business Promise
- Decision 3: Innovation Process
- Decision 4: Innovation Delivery
- Creative Thinking for stress management.
- Design thinking and the third way.

WHO CAN ATTEND?

Faculty members / research scholars / PG scholar from academic institutes approved by the AICTE / UGC / MHRD working in Private / Public / Government organizations can attend the course.

REGISTRATION

No registration fee. The number of participants is limited to 200 on first come first serve basis using the following link.

<https://www.aicte-india.org/atal>

OR

<https://atalacademy.aicte-india.org/signup>

IMPORTANT DATES

Last Date for Registration: 16th January 2021

Selection Notification (Via E-Mail): 17th January 2021

NOTE:

Certificate shall be issued to those who maintain 80% attendance and score minimum 60% marks in test.

Link for Atal online FDP on Design Thinking:
<https://meet.google.com/ibd-hdew-bhe>

Date Day	Session 1 10:00 to 11:30	Session 2 11:45 to 13:15	Session 3 14:30 to 16:00
18-Jan-2021 Monday	Inauguration Key Note Address: Getting in between disruptive & incremental innovation Mahesha BR Pandit	Overview Seeing Innovation Differently Keshav Rajgopal	Overview Design Thinking for Innovation Mahesha BR Pandit
19-Jan-2021 Tuesday	Foundation How Little Innovations Produce Big Results Keshav Rajgopal	Foundation Masters of the Third Way: LEGO and Apple Mahesha BR Pandit	Foundation The Four Decisions and Why They are Difficult Keshav Rajagopal
20-Jan-2021 Wednesday	Depth Decision 1: The Key Product Dr Nitin Varma	Depth Decision 2: The Business Promise Dr Nitin Varma	Depth Decision 3: Innovation Process Dr Nitin Varma
21-Jan-2021 Thursday	Depth Decision 4: Innovation Delivery Dr Nitin Varma	Life Skills Creative Thinking for Stress Management Bandana Rai	Comparison Design Thinking and The Third Way Mahesha BR Pandit
22-Jan-2021 Friday	Online Examination	Open Sustainable Learning in Current Academic Conditions Dr Nitin Varma	Conclusion Results, Feedback, Q&A and Open Discussion All Resource Persons



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Contact: 08182-268800/1 | Fax: 08182-222450 | Website: <http://jnnce.ac.in>

Department of Mechanical Engineering

Welcomes You for the Inaugural Function of

AICTE - ATAL Academy Sponsored

One Week Online Faculty Development Programme

On

“Thinking around the Box”

18th Monday, January 2021, 10:00 AM

Chief Guest

Mr. Mahesha B. R. Pandit

Founder & CEO, Rhytify Technologies Pvt. Ltd., Bengaluru.

Guest of Honour

Sri S. N. Nagaraja

Secretary, NES, Shivamogga

Presided over by

Dr. Shashidhar K. Kudari

Principal, JNNCE, Shivamogga

Presence

Dr. Manjunatha P.

Dean-Academics, JNNCE, Shivamogga

Dr. M. M. Rajath Hegde

Dean-Infrastructure, JNNCE, Shivamogga

You are cordially invited

Dr. E. Basavaraj

Professor & Head,

Dr. K. Sabeel Ahmed

ATAL - FDP Coordinator,

Mr. N. D. Shivanandappa

Mr. M. K. Sreenivas Murthy

ATAL - FDP Co-coordinators,

Department of Mechanical Engineering JNNCE, Shivamogga

**Faculty, Technical & Supporting Staff of Mechanical Engineering Department
JNNCE, Shivamogga**

Link for Atal online FDP on Design Thinking: <https://meet.google.com/ibd-hdew-bhe>

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DEPARTMENT OF MECHANICAL ENGINEERING



Welcomes You for the Valedictory Function of One Week Online Faculty Development Programme

On

AICTE - ATAL Academy Sponsored

"Thinking around the Box"



Date : 22nd January 2021

Chief Guests

: **Mr. Mahesha B. R. Pandit**
Founder & CEO, Rhytify Technologies Pvt. Ltd., Bengaluru.

Dr. Nithin Varma
Specialist for e-Governance for Edu Tech Solutions.

Mr. Keshav Rajgopal
Coach, Mentor and Start-up Advisor, Bengaluru.

Presided over by : **Dr. Shashidhar K. Kudari**
Principal, JNNCE, Shivamogga.

Presence : **Dr. M. M. Rajath Hegde**
Professor & Dean Infrastructure, JNNCE, Shivamogga.

Dr. E. Basavaraj
Professor & Head,
Dept. of Mechanical Engineering, JNNCE, Shivamogga.

Coordinator : **Dr. K. Sabeel Ahmed**
Professor & ATAL - FDP Coordinator,
Dept. of Mechanical Engineering, JNNCE, Shivamogga.

Date: 22nd January 2021 at 12:30 PM | Venue: Mech Dept., JNNCE

You are cordially invited

Mr. Srinivasamurthy M. K. & Mr. N. D. Shivanandappa
Co-Coordinator ATAL-FDP & Assistant Professors
Department of Mechanical Engineering
JNNCE, Shivamogga

Faculty & Staff of Mechanical Engineering Department
JNNCE, Shivamogga

J N N COLLEGE OF ENGINEERING

DEPARTMENT OF MECHANICAL ENGINEERING

ATAL FDP ON "THINKING AROUND THE BOX"-18TH TO 22ST JANUARY 2021

LIST OF PARTICIPANTS

SN	Name	Institute
1	Dr. Santhosh Ujjinappa	J. N. N. College of Engineering
2	Mr. Anil Kumar J	JNNCE, Shivamogga
3	Dr. Rajprakash H G	JNNCE
4	Mr. Parameshwara s	JNN college of Engineering
5	Mr. JAYAVARDHANA ACHARYA N	JAWAHARLAL NEHRU NEW COLLEGE OF ENGINEERING
6	Mr. Abdul Saleem S	JNN COLLEGE OF ENGINEERING
7	Mr. Mujeebur Rehaman	PES Institute of Technology and Management Shimoga
8	Mr. Amith V	East Point Engineering College
9	Dr. Jacob PM	Naipunnya Business School
10	Mr. Sagar Baburao Porlekar	Dr D Y Patil COE, KOLHAPUR
11	Dr. A G SHANKARA MURTHY	Bapuji Institute of Engineering & Technology, DAVANGERE-04
12	Mrs. Saumi Roy	New Horizon College of Engineering
13	Dr. Dr. Shilpashree HP	Acharya Bangalore B School
14	Mr. Srinivasa Murthy MK	JNN College of Engineering, Shimoga
15	Mr. Keerthan Kumar T G	Siddaganga Institute of Technology
16	Mr. SHIVANANDAPPA N D	J N N COLLEGE OF ENGINEERING
17	Mr. V K Deepankar	J.N.N.C.E
18	Mr. Chetan C G	JNN College of Engineering
19	Miss PINKI BHUPENDRABHAI PANCHAL	GUJARAT TECHNOLOGICAL UNIVERSITY
20	Miss Divya Jain	SIMS
21	Dr. Madhu Bala Myneni	institute of aeronautical engineering
22	Mr. Sangamesh Markale	Bheemanna khandre institute of technology bhalki
23	Mr. MD HASHMAT ALAM	AL-FALAH SCHOOL OF ENGINEERING & TECHNOLOGY
24	Mrs. Jeevitha R	DG Vaishnav College
25	Mrs. RAJASHREE DIGHE	AKEMI BUSINESS SCHOOL,PUNE
26	Mr. ANKUR GARG	JSS Academy of Technical Education, Noida
27	Mr. Situn Krushna Sahu	Career Point University
28	Mr. RAJESH KHURANA	HDFC Bank
29	Mr. KARTHIK M	Sri Ramakrishna Engineering College
30	Miss Yuvarani E	SNS College of Technology

31	Mr. S.Kumaresh	sri ramachandra institute of higher education and research
32	Dr. Mahesh H. Wagh	Amrutvahini College Of Engineering
33	Dr. Dr G D Anbarasi Jebaselvi	Sathyabama Institute of Science and Technology
34	Mr. Neelakanteswaraswamy Bhavikatti	Ramaiah Institute of Management
35	Mrs. Leena Kiran Sawant	JSPMs Jayawantrao Sawant College of pharmacy and research
36	Mrs. HARSHALI YOGESH PATIL	MET Institute of Computer Science
37	Miss RAMANI HARSHA	Harivandana College
38	Mr. D Murali Manohar	B S Abdur Rahman Crescent Institute of Science & Technology
39	Dr. Manoj Kumar Triveni	Tripura Institute of Technology
40	Mrs. k.Bhagya Lakshmi	Chaitanya Bharathi Institute Of Technology
41	Mr. Pradeep N B	Jawaharlal Nehru National College of Engineering
42	Miss Preeti Mathur	IET Group of Institutions
43	Dr. Pankaj Ardak	Dr. Rajendra Gode Institute of Technology And Research Amravati
44	Mrs. Gunjal Sulbha Gokul	Amrutvahini Institute of MBA .Sangamner
45	Mr. Madhan Kumar G	Sathyabama Institute of science and technology
46	Dr. Suryakumar N. Khanai	KLS Gogte Institute of Technology, Belagavi
47	Mrs. Roopa Rajendran	HkBK
48	Miss Akanksha Vivek Pisolkar	K K W I E E R, Nashik
49	Mr. MOHAMMED SADIQ A PACHAPURI	KLE Dr. M. S. Sheshgiri College of Engineering and Technology
50	Mr. Sreenivasa R	Jain Institute of Technology
51	Mr. Aswin R	College of engineering Trivandrum
52	Dr. VIKRAM	JNN College of Engineering
53	Miss Priti	ASHOKA INSTITUTE OF TECHNOLOGY AND MNGT
54	Mr. Sajan M	Manel Srinivas Nayak Institute of Management
55	Mrs. Sai Keerthana N	SRM Institute of Science and Technology Ramapuram Chennai
56	Mr. ANIL NIVRUTTI PAWAR	Matoshri College of Mangement and Research Centre Eklahare Nashik
57	Mrs. Manisha Patil	MIT ACSC Alandi(D),Pune
58	Dr. B.Divya Priya	Kongunadu Arts and Science College, Coimbatore
59	Dr. PALANI	Sathyabama Institute of Science and Technology
60	Dr. kamarasu suryaarayana	R.V.R & J.C. College of Engineering
61	Mr. Mr. VIDYA SAGAR KUMAR	Dr D. Y. PATIL COLLEGE OF EDUCATION, PIMPRI, PUNE
62	Dr. VENKATESAN S P	Excel Engineering College
63	Mrs. A.Sumathi	Kings Engineering College
64	Mrs. Deepika Varshney	Rukmini Devi Institute of Advanced Studies, Delhi
65	Mr. RAVI KUMAR B N	J N N College of Engineering
66	Mrs. Seema K S	Padmashree Institute of Management and Sciences
67	Mrs. rajani balaji	Padmashree Institute of Management Studies

68	Mrs. B.MOHANAPRIYA	RATHINAM COLLEGE OF ARTS AND SCIENCE
69	Mr. HARDEEPSINH P. JHALA	Gujarat Knowledge Society
70	Mrs. CH.VIJAYALAKSHMI	Tellakula Jalayya Polisetty Somasundaram College
71	Mr. MANU S S	Adichunchanagiri Institute of Technology
72	Dr. Jini Manish Saxena	Dr. D.Y. Patil Institute of Management & Research
73	Dr. Jena P Joshi	Dr. D> Y. Patil Institute of Management and Research
74	Mr. Nitish Vig	UNIVERSITY INSTITUTE OF ENGINEERING AND TECHNOLOGY
75	Dr. Sachin. H. P.	JNN College of Engineering
76	Dr. Santhosha	J N N College of Engineering
77	Mrs. Malarvizhi.J	Nadar Saraswathi College of Arts and Science, Theni
78	Mr. ANILKUMAR S KALLIMANI	GOVERNMENT ENGINEERING COLLEGE Huvinahadagali
79	Mr. Lingaraj Ritti	Shri Madhwa Vadiraja Institute of Technology and Management Bantakal
80	Mr. Ravinarayan R Rao	Shri Madhwa Vadiraja Institute of technology
81	Dr. Ajit Sao	Priyadarshini J L. College Of Engineering
82	Mr. A.B.VINAYAKA PATIL	BAPUJI INSTITUTE OF ENGINEERING & TECHNOLOGY
83	Mr. VASUDEVA T	HMS POLYTECHNIC (Govt.Aided), Tumkur
84	Miss Priyanka Kanjilal	Asansol Engineering College
85	Mr. Gadhamsetty Gurumahesh	Sv college of Engineering
86	Dr. Rachit Kumar Gupta	GL BAJAJ GROUP OF INSTITUTIONS MATHURA
87	Mr. Rakesh Ranjan	Institute of management studies, New Delhi YMCA
88	Miss simran kaur	Amritsar group of colleges
89	Dr. AANCHAL SINGHAL	JSSATE, Noida
90	Dr. ANJU TRIPATHI	JSSATE, NOIDA
91	Mr. sandeep kumar dubey	GGITS, JBP
92	Dr. KARUPPIAH.SP	St.JOSEPH'S COLLEGE OF ENGINEERING
93	Mr. MD HASEEN AKHTAR	IIT KANPUR
94	Dr. Kanagasabapathy	P.S.R.Engineering College, Sevalpatti {P.O}
95	Miss Chandragade A.A	PCCOE Nigdi
96	Mrs. Priti Arya	Keshav memorial institute of commerce and sciences
97	Dr. Harish V	Government First Grade College
98	Dr. Harshith H S	Channabasaveshwara Institute of Technology
99	Miss SNOWBER	Indira Gandhi National Open University
100	Mr. K Ravikumar	Nalla Narasimha Reddy education society group of institutions
101	Dr. Ankita Nanda	Model Institute of Engineering and Technology
102	Mr. Ankith Hebbar P	AMC Engineering College
103	Dr. Satya Prema	JNNCE
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108	Mr. N MANJUNATH GOWDA	University BDT College of Engineering
109	Mr. Amaresh panda	Synergy institute of engg. & Tech.
110	Mr. NIKHIL GUPTA	GNIOT ENGG. COLLEGE
111	Mrs. Gazal Singh	G L Bajaj
112	Mr. Manbir Singh	CT University
113	Dr. Dr Amrita Baid More	PIMR
114	Dr. Jasdeep Kaur Dhami	CT Institute of Management & Information Technology
115	Mrs. PRERNA KAKKAR	MRIIRS
116	Dr. Manjunath Achar G H	JNNCE, Shivamogga
117	Mrs. Poornima D	D V S Polytechnic
118	Mrs. JyothiPrashanth	D.v.S Polytehnic,Shimogga
119	Dr. AJAY KRISHNA MASKE	ASHOKRAO MANE GROUP OF INSTITUTIONS, FACULTY OF MANAGEMENT STUDIES (MBA), VATHAR TARF VADGAON
120	Mr. sagar shivaji sutar	Ashokrao Mane Group of Institutions Faculty of Management Studies (MBA), Vathat tarf Vadgaon
121	Mrs. VINUTHA A	DVS Polytechnic
122	Miss DIVYA THAKUR	SIES COLLEGE OF COMMERCE AND ECONOMICS
123	Dr. Nupur Soni	Babu Banarsi Das University
124	Mr. Md. Abdul Raheem Junaidi	Muffakham Jah College of Engineering and Technology
125	Dr. SANGRAM SINGH	CT Institute of Management & Information Technology
126	Miss Kavana BM	Acharya Bangalore B-school
127	Mrs. geeta panwar	Govt. Polytechnic chinyalisaur uttarkashi uttarakhand
128	Dr. Sanjiv Kumar Jain	Ambala College of Engineering and Applied Research
129	Miss Sumita	SKIT Jaiipur
130	Mr. Madhusudhan G.	JNNCE
131	Dr. Sweta Singh	ICST
132	Mrs. Dipti Bajpai	Institute of Industrial and Computer Management & Research IICMR Pune
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135	Dr. Pravin Hongunitkar	PDA College of Engineering
136	Dr. Debjani Guha	Institute of Business Management and Research
137	Mr. Vinay Kumar A G	JNNCE
138	Dr. SRINIVASA MURTHY B.V	JNN College of Engineering
139	Mrs. BINDIYA K	Jawaharlal Nehru National College of Engineering, Shivamogga
140	Miss M. REVATHY	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, RAMAPURAM CAMPUS

JNN College of Engineering, Shimoga
Department of Mechanical Engineering
AICTE ATAL FDP on "Design Thinking – Thinking Around the Box"
18.01.2021 to 22.01.2021

Brief Report

Five Days AICTE ATAL online FDP on "Thinking around the Box" was conducted by the Department of Mechanical Engineering, JNNCE, Shimoga, from 18.01.2021 to 22.01.2021, The inaugural function of the program started on 18.01.2021 at 10 am with the invocation by Mr. Arun Bhadri.

Mr. N D Shivanandappa, Co-coordinator of the FDP welcomed the online participants and guests and offline gathering. Dr. K Sabeel Ahmed, FDP Coordinator gave a brief introduction to within the box thinking and out of the box thinking and highlighted about the organization of the FDP and mandatory requirements to be satisfied by the participants for getting the certificates. He also introduced the chief guest of Inaugural function, Mr. Mahesha B.R. Pandit, Founder and CEO, Rhytify Technologies Pvt Ltd, Bangalore, who was connected in the online mode. This was followed by the address by the chief guest and guest of honor Sri Nagaraja S N, Secretary, National Education Society, Shimoga. Dr E Basavaraj, HOD, Mechanical Engineering Department gave the introduction to the Department.

Dr.P Manjunatha addressed the gathering and thanked AICTE for sanctioning the FDP to JNNCE. Dr. Shashidhar Kudri, Principal, JNNCE, delivered the presidential address. In his speech, he brief about the importance of Design Thinking.

Mr. Ravi Kumar B N, Assistant Professor, proposed the vote of thanks.

After the completion of Inaugural function, Key Note Address was delivered by Mr. Mahesha B R Pandit. The topic of the key note address was "Getting in between disruptive and incremental innovation". At the end of the address, an assignment was also given to the participants.

The second session of Day 1 was handled by the resource person Mr Keshav Rajgopal, Coach, mentor and start-up advisor, Bengaluru. Dr K Sabeel Ahmed, Coordinator of FDP introduced the speaker. The talk was on "Seeing Innovation Differently". In his lecture, he explained about the traditional impression of innovation, innovation paradigm, perspectives on innovating and being innovative. Audio video aid was also used to deliver the contents. At the end of the session, questions were invited from the participants.

The third and the last session of Day 1 was on Overview on "Putting Thinking into Design Thinking" and was handled by Mr. Mahesha B R Pandit. In his talk he explained about how to solve problems? How to innovate? Concepts of clear thinking, creative thinking, validation etc. The end of the session was followed by questions from the participants and answers by the resource person.

The first session of DAY 2 was started at 10 am on 19.01.2021 and the resource person was Mr. Keshav Rajgopal. The topic of the session was "How little innovations produce big results". In his session he explained about the power of little ideas. He took the case studies to showcase the third way of innovation, what makes the third way different and where does the third way fit into various innovation paradigms. At the end of the session Questions were invited from the participants and discussed.

The second session of Day 2 was conducted by Mr. Mahesha B R Pandit on the topic "Masters of the Third Way". Two case studies LEGO and APPLE were considered to demonstrate their innovations and growth. The third session of Day 2 was handled by Mr. Keshav Rajgopal. He explained about the importance of decision making and how decision can influence an action, guide and validate execution. He explained why decision is difficult in third way approach of innovation.

The third session on Day 2 was handled by Mr. Keshav Rajgopal on the topic "The four decisions and why they are difficult". He talked about importance of decision making and how decision can influence an action, guide and validate execution. He explained on why decisions are difficult in third way approach. He used audio visual aid to explain how decision making is important. Case study of Carmax and AutoNation was presented. He also threw light on the four decisions.

On Day 3 of the FDP i.e on 20.01.2021, the first session was conducted by Dr Nitin Varma, Specialist for eGovernance and Edutech Solutions. Dr K Sabeel Ahmed, FDP Coordinator introduced Dr. Nitin Varma to all the participants. He handled all the three sessions of Day 3. They are the in depth sessions on the 4 critical decisions to be made to pursue success of the third way approach of innovation. In his first session, he explained about the Decision 1-Choosing a Key Product where he explained what is a key product, how to qualify a key product, how does it reflect the strength and values of the company, identifying and focussing on key customers for key products and key product communication. He showed audio video clippings to demonstrate his presentation.

In the second session of Day 3, Dr Nitin Varma focussed on the second decision i.e Business Promise and he explained it in-depth using audio visual aid. In the third session, the resource person concentrated on the decision 3 i.e The innovation Process, taking the example of valve software company to demonstrate the innovation process. All the three sessions of Day 3 by him were very much interactive and informative.

The Day 4 first session was again taken by Dr Nitin Varma and he delivered his talk on the fourth decision i.e Innovation Delivery where he discussed about the key factors to be considered in innovation delivery.

The second session of Day 4 was on Life Skill and was conducted by Bandana Rai, the Co-founder and mentor, Ananya Tech Training, Education and Consulting Services. Dr K.Sabeel Ahmed, FDP Coordinator introduced the resource person for the participants.

Bandana Rai delivered her talk for the topic "Creative Thinking for Stress Management". She focussed on Understanding stress, Environmental, Social, Mental and Physiological causes of stress, stress management strategies – like Relax, Regenerate, Reorganizing, Reward and Resolve.


She talked about understanding the creativity and creative techniques like Reframing, Brainstorming, Mind Mapping and Insight.

The third session on Day 4 was on Hands on Design Thinking by Mahesha B R Pandit. In this session, he interacted with the participants on non-design thinking based on ideas not on design. He discussed design thinking processes, design thinking methods and tools, identifying the gap between design challenge to design solution, difference between design think and design think with 3rd way of innovation.

On the last day i.e today the session began with an examination to the participants at 10 am and that was followed by an open session on Sustainable learning in Current Academic Conditions, by Dr Nitin Varma. The final and the fifteenth session was concluding session.


Principal

Jawaharal Nehru National
College of Engineering, Shivamogga.



PROFESSOR
Dept. of Mechanical Engineering
J.N.N. College of Engineering
SHIMOGA-577 204.

REGISTRATION

Who can apply (Only ISTE Members)
Interested Faculty / research scholars from
university / Engineering colleges / Polytechnics.

Registration fee Rs.200/- (Incl. GST).

This includes E-Certificate processing fee from ISTE.

How to Register : Click here

<https://forms.gle/txck1wnrAsc19jfd9>



or scan the QR code

NOTE:

E-Certificate signed by ISTE authority will
be issued to those participants who attend
all the sessions and qualify in the test
conducted at the end of the programme.

LAST DATE OF REGISTRATION

16 - 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

Dr. Kiran M, NITK, Surathkal
789290151 kiranmanjappa@nitk.edu.in
Mrs. Deepa V B
9986917316 jnndvb@jnnce.ac.in
Mrs. Pratima L
9739537545 prathima5787@jnnce.ac.in
Mr. Arun Kumar P
9743011472 arunkumar@jnnce.ac.in

CHIEF PATRONS

Sri A. S. Vishwanatha

President, NES, Shivamogga

Sri T. R. Ashwathanarayana Setty

Vice President, NES, Shivamogga

Sri S. N. Nagaraja

Secretary, NES, Shivamogga

Sri D. R. Amarendra Kiriti

Joint Secretary, NES Shivamogga

Sri C. R. Nagaraj

Treasurer NES Shivamogga

PATRON

Dr .H. R. Mahdevaswamy

Principal, JNNCE, Shivamogga

DEAN ACADEMIC

Dr. Manjunatha P

Professor, JNNCE, Shivamogga

ORGANIZING CHAIR

Dr. Sanjeev Kunte R

Professor and Head, Dept. of ISE

JNNCE COORDINATORS

Mrs. Deepa V B Asst.Prof.,

ISE Dept., JNNCE

Mrs. Prathima L Asst. Prof.,

ISE Dept., JNNCE

Mr. Arun Kumar P Asst.Prof.,

ISE Dept., JNNCE

NITK COORDINATOR

Dr. Kiran M Asst.Prof.,

Dept. of IT, NITK, Surathkal.



National Education Society ®

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CSE, ISE, TCE accredited by NBA:1.7.2019 to 30.6.2022,

Recognized by Govt. of Karnataka and Affiliated to VTU, Belagavi)

Internal Quality Assurance Cell (IQAC)

ISTE Certified One week FDP on

“Blockchain Technology & its Applications”

17th - 21st August 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 mainland 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 Information Technology, M.Tech. by (Research) and Doctoral Program (Ph.D). Current research activities of the department include Data Mining, Web services, Distributed Computing, Semantic Web Technology, Natural language Processing.

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 Learning Applications.

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.

MODE OF CONDUCTION

- Sessions will be conducted in online mode
- Link will be shared to registered participants



J N N COLLEGE OF ENGINEERING (JNNCE)

(Approved by AICTE, New Delhi, Certified by UGC 2f & 12B, Accredited by NAAC -'B', Recognized by Govt. of Karnataka and Affiliated to VTU, Belagavi)

SHIVAMOGGA 577 204 (KARNATAKA) Phone : 08182 268800/1 Fax: 08182 222450

Email: principal@jnnce.ac.in Website: www.jnnce.ac.in



UG Programmes: CE, ME, EEE, ECE, CSE, ISE & TCE accredited by NBA (01.07.2019 to 30.06.2022)

Department of Information Science and Engineering



In association with
Department of IT, National Institute of Technology
Karnataka (NITK), Surathkal
and ISTE

One week Faculty
Development Programme on
**Blockchain Technology
& its Applications**

17th - 21st August - 2020.

For registration

<https://forms.gle/txck1wnrAsc19jfd9>

Resource Persons



Dr. Malaya Dutta Borah
Assistant Professor
National Institute of Technology,
Silchar



Dr. Kiran M
Assistant Professor
National Institute of Technology Karnataka,
Surathkal



Mayur Patil
Project Manager - RPA
Cloint India Pvt. Ltd, Vadodara
Gujarat



Dr. Sourav Kanti A.
Assistant Professor
NIT, Surathkal



Dr. Chirag Modi
Assistant Professor
NIT, Goa



Dr. Subhasish Dhal
Assistant Professor
IIIT, Guwahati



Mr. Raghevendra M
Research Scholar
NIT, Surathkal

NITK Coordinator
Dr. Kiran M,
Assistant Professor,
Dept. of IT, NITK

JNNCE Coordinators
Mrs. Deepa V B,
Asst. Prof., Dept. of ISE, JNNCE
Mrs. Pratima L,
Asst. Prof., Dept. of ISE, JNNCE
Mr. Arun Kumar P,
Asst. Prof., Dept. of ISE, JNNCE

Dr. Sanjeev Kunte R
HOD, Dept. of ISE, JNNCE

Dr. Manjunatha P.
Dean Academic, JNNCE,

Dr. H. R. Mahadevaswamy
JNNCE, Principal



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**Department of Information Science and Engineering
in association with Dept. of IT, NITK, Surathkal and ISTE**

**You are all cordially invited for the
Inauguration
of
One Week Online Faculty Development Program
On
“Blockchain Technology and its Applications”**

17th to 21st August 2020

Chief Guest

Sri. S. N. Nagaraja
Secretary, NES, Shivamogga

Presided by

Dr. H.R. Mahadevaswamy
Principal, JNNCE, Shivamogga

Presence

Dr. Manjunatha. P
Dean Academics, JNNCE, Shivamogga

Dr.Sanjeev Kunte R
HOD, Dept. of ISE, JNNCE, Shivamogga

Dr.Biju R Mohan
HOD, Dept. of IT, NITK, Surathkal

Date: 17-08-2020

Time: 10:15 AM

HOD and Staff Members of ISE



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Department of Information Science and Engineering in association with Dept. of IT, NITK, Surathkal and ISTE organized One Week Online Faculty Development Program On

“Blockchain Technology & its Applications” during 17-21 August 2020.

One-Week Online Faculty Development Programme on “Blockchain Technologies and its Applications” Organized by Department of Information Science and Engineering, JNNCE, Shivamogga, in Association with Department of Information Technology, NITK, Surathkal, from 17th August to 22nd August, 2020. The FDP was done in online mode, the platform that we have used for the inaugural session is Google meet and for all the day sessions we have used YouTube link. The objective of the one week online FDP on Blockchain Technology and its Applications is to introduce fundamentals of Blockchain technology and its real time Applications. The FDP was attended by faculty members of various streams from all the parts of country.

INAUGURAL SESSION: On the first day of the FDP we had Inaugural session organized at 10.15 AM, The esteemed dignitaries personalities joined over Google meet for the inaugural programme:

- Sri.S.N Nagaraja , Secretary, National Education Society, Shivamogga.
- Dr.H.R.Mahadevaswamy , Principal, JNNCE, Shivamogga.
- Dr.Manjunatha P, Dean Academic, JNNCE, Shivamogga.
- Dr.Biju R Mohan, Professor and Head, Dept. Of IT, NITK, Surathkal.
- Dr.Sanjeev Kunte R, Professor and Head, Dept.of IS&E, JNNCE, Shivamogga.
- Dr. Kiran M, Assistant Professor, Dept. Of IT, NITK, Surathkal.

Mrs. Deepa V.B, Assistant Professor, Department of IS&E, JNNCE Coordinator & Anchor welcomed all the cherished dignitaries and participants.

Welcome Ceremony: Mr.Arun Kumar P, Assistant Professor, Department Of IS&E, JNNCE, he has welcomed all the dignitaries, resource persons, participants who have joined over Google meet to the inaugural program.

About the FDP: Dr. Kiran M. Assistant professor, NITK, Surathkal, he has briefed about the one week online FDP. On behalf of Dr. Biju R. Mohan, professor and Head, Department of IT, NITK Surathkal, he conveyed his best wishes to all the participants and to all the Coordinators of this FDP.

Address by HOD (ISE, JNNCE) - Dr. Sanjeev Kunte R, Professor and Head, Department of ISE, addressed all the participants about this Faculty Development Program.

Address by Chief Guest - Sri. S.N Nagaraja , Secretary, NES, Shivamogga, he conveyed his best wishes to the department of ISE ,JNNCE, and Department of IT, NITK, Surathkal, for organizing this FDP. He appreciated all the FDP coordinators for their effort in organizing this FDP.

Presidential Address - Dr. H.R. Mahadevaswamy, Principal, JNNCE, Shimoga , delivered the presidential speech , and he spoke about the importance of the Blockchain technology, and he also insisted the participants to make best use from this FDP.

Vote of Thanks - Mrs. Prathima L, Assistant Professor, department of ISE, JNNCE, Shivamogga, delivered the vote of thanks to all the dignitaries, HOD of the departments, Coordinators, Participants and Staff of ISE department.

Program Objective:

- Gain the knowledge of Blockchain technology and its application.
- To understand the transaction life cycle, Transaction mining.
- Learn Blockchain Applications in public Distribution System, Health care application, and supply chain management.
- To understand the Blockchain Implementation tools: Solidity Language, Ganache, Truffle,Ethereum.

17/08/2020 Day-1:

Forenoon Session at 10:15 A.M to 12.00 P.M

Welcome and Introduction to resource person - Prathima L

Dr. Malaya Dutta Borah, Assistant Professor, Department of Computer Science, NIT, Silchar. She has delivered keynote address on Blockchain, basics, History and applications. She has discussed about basic Information sharing platform, and the types of blockchain technologies. She also explained the working principle of block chain and shared some of the applications related to blockchain.

Vote of thanks by: Dr. Kiran M

Afternoon Session at 3:00 P.M to 04.30 P.M

Dr. Malaya Dutta Borah, Assistant professor, Department of Computer Science, NIT, Silchar .same resource person continued the afternoon session. In afternoon session she explained about the evolution of blockchain and what are the difference between client server architecture and blockchain architecture, and briefed about the structure of block chain, and the representation of Merkle tree.

Vote of thanks by: Dr. Kiran M

18/08/2020 Day-2:

Forenoon Session at 10:30 A.M to 12.00 P.M

Welcome and Introduction to resource person - Deepa V.B

Mr. Mayur Patil, Project Manager, PA, Cloint India Pvt Ltd., Vadodara, Gujarat. He has Explained Taking attendance using blockchain. He has showed how this application can be developed to take attendance in classroom using blockchain method.

Vote of thanks: Dr. Kiran M

Afternoon Session at 03:00 P.M to 04.30 P.M

Welcome and Introduction to resource person - Prathima L

Mr.Raghavendra M , Research scholar , NITK , Surathkal, he has delivered the session on one of the application of blockchain i.e how the blockchain technologies can be used in health care system, and how we can avoid the security breaches using blockchain system in health care systems.

Vote of thanks by : Deepa V.B

19/08/2020 Day-3:

Forenoon Session at 10:30 A.M to 12.00 P.M

Welcome and Introduction to resource person - Arun Kumar P.

Dr.Subhasish Dhal, Assistant Professor, Department of Computer Science, Indian Institute of Information Technology, Guwahati. He has delivered a informative session on consensus algorithm. He also concluded that concept of block chain can used in many distributed applications.

Afternoon Session at 03:00 P.M to 04.30 P.M

Welcome and Introduction to resource person - Arun Kumar P.

Mr. Nishanth P, Software Engineer, VISA Inc , Banglore. He has discussed about blockchain based Healthcare Application Using Artificial Intelligence (consensus Algorithm).And he also discussed some of the limitations of using blockchain.

20/08/2020 Day-4

Forenoon Session at 10:30 A.M to 12.00 P.M

Welcome and Introduction to resource person - Arun kumar P.

Dr. Bhawana Rudra, Assistant Professor, Department of IT, NITK, Surathkal. In her presentation she discussed about blockchain architecture, types of transactions and detailed structure of Consensus layer.

Afternoon Session at 3:00 A.M to 1.00 P.M

Welcome and Introduction to resource person - Arun kumar P.

Dr. Bhawana Rudra, Assistant Professor, Department of IT, NITK, Surathkal, In afternoon session she discussed about key advantage of using blockchain technologies in banking sector and other financial sector .

21/08/2020 Day-5:

Forenoon Session at 10:30 A.M to 12.00 P.M

Dr.Sourav Kanti Addya, Assistant professor, Department of Computer Science, NITK surathkal, in his presentation he has discussed about technologies used in block chain and also discussed about some important aspects of using block chain like protocols, consensus, security and privacy and authenticity.

Afternoon Session at 2:15 P.M to 4.00 P.M

Dr. Chirag Modi, Assistant Professor, Department of Computer science and Engineering, National Institute of Technology, Goa. He has delivered a session on Security and scalability issues used in blockchain.

After the session by Dr.chirag Modi, NIT, Goa, the Online One week Faculty Development program valedictory program was scheduled at 4.15 P.M.

VALEDICTORY SESSION: The Online One week Faculty Development program valedictory program was scheduled on 21-08-2020 at 4.15 P.M. The esteemed dignitaries' personalities joined over StreamYard for the Valedictory programme.

- Dr.H.R.Mahadevaswamy , Principal, JNNCE, Shivamogga.
- Dr.Manjunatha P, Dean Academic, JNNCE, Shivamogga.

- Dr.Sanjeev Kunte R, Professor and Head, Dept.of IS&E, JNNCE, Shivamogga.
- Dr. Kiran M, Assistant Professor, Dept. Of IT, NITK, Surathkal.

Welcome Ceremony: **Mr. Arun Kumar P**, Assistant Professor, Department of IS&E, JNNCE Coordinator & Anchor welcomed all the cherished dignitaries and participants who have joined over Google meet to the inaugural program.

FDP Report reading: **Mrs. Deepa V.B**, Assistant professor,Department of ISE, JNNCE, she has read complete report about the this One week Online FDP on “**Blockchain Technologies and its Applications**”.

Feedback from Participants: Mrs. Shambhavi, Assistant Professor, Department of CSE, BMSCE, Bangalore. She expressed her opinion about this One week online FDP. How this FDP helped in her research work in the areas of Machine Learning and Artificial Intelligence.

Dr. Nithesh Tarbani,Sipna,COET, Amaravathi, Firstly he has congratulated all the coordinators for organizing a fruitful workshop. And he also thanked all the resource persons of the workshop for sharing their knowledge. He has expressed the blockchain applications are helpful for future needs.

Address by HOD (ISE, JNNCE) - Dr. Sanjeev Kunte R, Professor and Head, Department of ISE, addressed all the participants about this Faculty Development Program.

Presidential Address - Dr. H.R. Mahadevaswamy, Principal, JNNCE, Shimoga, delivered the presidential remarks about this One week online FDP on “Blockchain technologies and its Appliations”.

Vote of Thanks - Mrs. Prathima L , Assitant Professor, department of ISE, JNNCE, Shivamogga , delivered the vote of thanks to all the dignitaries,HOD of the departments, Coordinators, Participants and Staff of ISE, JNNCE and IT department,NITK, surathkal.

At the end of valedictory program, Feedback link and test link was shared among participants.

Coordinator

Mrs.Deepa V B

Mrs.Prathima L

Mr.Arun Kumar P

Organizing Chair

Dr.Sanjeev Kunte R

Professor & Head,
Dept. of ISE, JNNCE

Sl.No	Name	ISTE Membershi p ID	17-8-20		18-8-20		19-8-20		20-8-20		21-8-20	
			S1	S2	S3	S4	S5	S6	S7	S8	S9	S10
1	Aishwarya Shetty	LM107956	1	2	3	4	5	6	7	8	9	10
2	AMITH SHEKHAR C	LM108258	1	2	3	4	5	6	7	8	9	10
3	Arun Kumar P	LM88161	1	2	3	4	5	6	7	8	9	10
4	Aruna Kumar B T	LM47318	0	1	2	3	4	5	6	7	8	9
5	Benakappa SM	LM67686	1	2	3	4	5	6	7	8	9	10
6	Bhavani B H	LM49426	1	2	3	4	5	6	7	8	9	10
7	CHETHAN GS	LM88159	1	2	3	4	5	6	7	8	9	10
8	Deepa V B	LM88158	1	2	3	4	5	6	7	8	9	10
9	Dr Kotrappa Sirbi	LM3998	1	2	3	4	5	6	7	8	9	10
10	Dr Neelambike S	LM108259	1	2	3	4	5	6	7	8	9	10
11	Dr Prasanna Kumar H R	LM33732	1	2	3	4	5	6	7	8	9	10
12	Dr RAVINDRA S	LM88165	1	2	3	4	5	6	7	8	9	10
13	Dr. Nitesh Tarbani	LM98806	1	2	3	4	5	6	7	8	9	10
14	Dr. Surendra S	LM18304	1	2	3	4	5	6	7	8	9	10
15	Dr. Ushadevi M B	LM33577	1	2	3	4	5	6	7	8	9	10
16	Eldo P Elias	LM51570	1	2	3	4	5	6	7	8	9	10
17	G R Manjula	LM54399	1	2	3	4	5	6	7	8	9	10
18	G V Sowmya	LM88162	1	2	3	4	5	6	7	8	9	10
19	Gururaj T	LM47342	1	2	3	4	5	6	7	8	9	10
20	GURURAJA H.S.	LM91816	1	2	3	4	5	6	7	8	9	10
21	H S Saraswathi	LM78000	1	2	3	3	4	5	6	7	8	9
22	Hemant N. Watane	LM126389	1	2	3	4	5	6	7	8	9	10
23	Hemanth Kumar	LM88139	1	2	3	4	5	6	7	8	9	10
24	K M Poornima	LM41184	1	2	3	4	5	6	7	8	9	10
25	K Uma Rani	LM 16033	1	2	3	4	5	6	7	8	9	10
26	Karibasappa K G	LM43196	1	2	3	4	5	5	6	7	8	9
27	Kiran M	Yes	1	2	3	4	5	6	7	8	9	10
28	Kotreshi SN	LM46836	1	2	3	4	5	6	7	8	9	9
29	M S Rohit	LM126243	1	2	3	4	5	6	7	8	9	10
30	Mahaling Salimath	LM71634	1	2	3	4	5	6	7	8	9	10
31	MAITHRI.C	LM71194	1	2	3	4	5	6	7	8	9	10
32	Manjula K Pawar	LM122175	1	2	3	4	5	6	7	8	9	10
33	Manjunath K Gonal	LM62800	1	2	3	4	5	6	7	8	9	10
34	Manjunath Kamath	LM84311	1	2	3	4	5	6	7	8	9	10
35	Mimitha Charanraj	LM107961	1	2	3	4	5	6	7	8	9	10
36	Nanda S	LM39070	1	2	3	4	5	6	7	8	9	10
37	Omprakash A Jaisinghani	LM121341	1	2	3	4	5	6	7	8	9	10
38	Parvathraj K M M	LM126242	1	2	3	3	4	5	6	7	8	9
39	Pavan Kumar MP	LM124392	1	2	3	4	4	5	6	7	8	9
40	Prabhudev S	LM8371	0	1	2	3	4	5	6	7	8	9
41	Pradeep A R	LM86747	1	2	3	4	5	6	7	7	8	9
42	Pradeep H K	LM18298	1	2	3	4	5	6	7	8	9	9
43	Prathima L	LM88156	1	2	3	4	5	6	7	8	9	10

Sl.No	Name	ISTE Membershi p ID	17-8-20		18-8-20		19-8-20		20-8-20		21-8-20	
			S1	S2	S3	S4	S5	S6	S7	S8	S9	S10
44	R Sanjeev Kunte	LM41522	1	2	3	4	5	6	7	8	9	10
45	Rashmi Naveen	LM113892	1	2	3	4	5	6	7	8	9	10
46	Sahana Lokesh R	LM77999	1	2	3	3	4	5	6	7	8	9
47	Sandeep B	LM124401	1	2	3	4	5	6	7	8	9	10
48	Sandeepa GS	LM67696	1	2	2	3	4	5	6	7	8	9
49	Sankhya Nayak	LM54400	1	2	3	4	5	6	7	8	9	10
50	Santhosh SG	LM33571	0	1	2	3	4	5	6	7	8	9
51	Sathyanarayana K B	LM88160	1	2	3	4	4	5	6	7	8	9
52	Shailaja K	LM6690	1	2	3	4	5	5	6	7	8	9
53	Shakuntala B S	Updated	1	2	3	4	5	6	6	7	8	9
54	Shambhavi B R	LM71645	1	2	3	4	5	6	7	8	9	10
55	Sharath Kumar S.R	LM88157	1	2	3	4	5	6	7	8	9	10
56	Sheela N Rao	LM60799	1	2	3	4	5	5	6	7	8	9
57	Shivarajkumar Hiremath	LM128928	1	2	3	4	5	6	7	8	9	10
58	Shrikant pujar	LM126244	1	2	3	4	5	6	7	8	9	10
59	Sowjanya G V	LM86751	1	2	3	4	5	6	7	8	9	9
60	Sreenivasa B R	LM102368	1	2	3	4	5	6	7	8	9	10
61	Sudeep Manohar	LM88141	1	2	2	3	4	5	6	7	8	9
62	Sujata Terdal	LM11436	0	1	2	3	4	5	6	7	8	9
63	Uday Balgar	I'll update	0	1	2	3	4	5	6	7	8	9
64	V Manohar Nelli	LM54396	1	2	3	4	5	6	6	7	8	9
65	Vedananda D.E.	LM88166	1	2	3	4	5	6	7	8	9	10
66	Vikas S	LM 88140	1	2	3	4	5	6	7	8	9	10
67	Vishwas C.G.M	LM41525	0	1	2	3	4	5	6	7	8	9
68	PRAVEEN	NA	1	2	3	4	5	6	7	8	9	10
69	Ratnakala	NA	0	1	2	3	4	5	6	7	8	9
70	Chaya H P	NA	1	2	3	4	5	6	7	8	9	10
71	Ashwini g	NA	1	2	3	4	5	6	7	8	9	10
72	Anusha M U	NA	1	2	3	4	5	6	7	8	9	10
73	Sandhya S V	NA	1	2	3	4	5	6	7	8	9	10
74	Girish Mantha	NA	1	2	3	4	5	6	7	8	9	10
75	Channappa A	NA	1	2	3	4	5	6	7	8	9	10
76	Akshay M J	NA	0	1	2	3	4	5	6	7	8	9
77	Nilay Mishra	NA	1	2	3	4	5	6	7	8	9	10
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Sri Amarendra Kireet

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Sri C. R. Nagaraj

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ORGANIZING CHAIR**Dr. E. Basavaraj**

Professor & Head, M.E., J.N.N.C.E. Navule, Shivamogga

CO-COORDINATORS**Mr. Parmeshwar S**

Asst Professor

Mr. Pradeep N B

Asst Professor

Mr. V.K. Deepankar

Asst Professor

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- ❖ Faculties of Engineering.
- ❖ Industry Persons.
- ❖ Researcher Scholars and all enthusiast.
- ❖ Medical Researcher.
- ❖ Medical Clinical Trial Researcher.

ABOUT NES

- ❖ Established in 1946 by freedom fighters & 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 wide range of disciplines such as Engineering, Science, Pharmacy, Commerce, Physical Education, Computer Application and Applied Sciences.
- ❖ The management in 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 INSTITUTION

The history of JNN College of Engineering is marked by events that have made it synonymous with quality education. Established in 1980 by NES, the College is affiliated to Visvesvaraya Technological University, Belagavi, recognized by the All India Council for Technical Education (AICTE) and Government of Karnataka. JNNCE is a flagship Institute of the National Education Society (NES), established by freedom fighters and philanthropists like Sri H. S. Rudrappa, Sri. S. V. Krishna Murthy Rao, Sri S. R. Nagappa Setty and Sri. D. S. Dinakar and groomed by Sri Girimaji H. Rajagopal, Sri D. R. Ratnakar among others - has, during 70 years of its existence, spread its wings in several disciplines of education through establishment of 41 educational institutions in the Malnad region of Karnataka state.

Jawaharlal Nehru National College of Engineering (JNNCE), is one of the technical institutions of Karnataka, providing excellent technical education and training to students from all parts of India. Started in the year 1980, the institution has completed 40 years of its fruitful existence towards achieving perfection in all aspects of technical education and training and has emerged as one of the most sought-after destination for technical and management education by students and parents from all over India.

JNNCE is affiliated to Visvesvaraya Technological University (VTU), Belagavi and recognized by the All India Council for Technical Education (AICTE). The college offers BE courses in 7 branches of engineering, namely, Civil Engineering, Mechanical Engineering, Electrical & Electronics Engineering, Electronics & Communication, Electronics & Telecommunication, Computer Science and Engineering, Information Science and Engineering. All the disciplines were accredited from the National Board of Accreditation, New Delhi till June 2022 and the renewal process of accreditation as per Out Come Based Education has been initiated.

National Education Society*

J.N.N.College of Engineering

(Affiliated to VTU Belagavi & Approved by AICTE New Delhi & Recognized by Govt. of Karnataka)
(Certified by IQAC 21 & 121, Accredited by NAAC - 'B' & NBA - 01/27/2019 to 20/04/2022)
(NBA Accredited Branches: UG, CV, ECE, CSE, ME, ISE, ME & TCE)

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Department of Mechanical Engineering
One Week Online Faculty Development Program
ON

"Novel Nano Structured Mg based alloy for Industrial and Biomedical applications"

Date 30th August to 3rd September
2021

**ABOUT DEPARTMENT**

Established in 1980, Mechanical Engineering department has a dynamic, highly qualified & experienced faculty constantly engaged in R&D activities. Fully equipped labs with CAD/CAM/CAE, CNC training and Robot facilities and Condition Monitoring lab provide an environment where students can experience the vast expanse of Mechanical Engineering. The department has a number of research projects in the areas of stress analysis, vibration, composite materials & Bio fuel sponsored by AICTE/VTU. The department also has been recognized as a research centre by VTU, leading to Doctoral and M.Sc. (Engineering) degrees.

CONTENTS OF THE FDP:

There is an increasing interest in the development of magnesium alloys both for industrial and biomedical applications. Industrial interest in magnesium alloys is based on strong demand for weight reduction of transportation vehicles for better fuel efficiency. In addition to fuel efficiency higher strength, better ductility and corrosion resistance are required. Thus, New Nanostructured Mg based alloys are currently capable of exhibiting for superior mechanical and structural properties in addition to corrosion resistance. For biomedical applications magnesium-based alloys require appropriate mechanical properties, suitable degradation rate in physiological environment, and what is most important is biocompatibility to human body fluids, tissues, bones and muscles. Rather than simply applying commercial magnesium alloys to biomedical field, novel nanostructured Mg based alloys should be designed from the point of view of nutrition ology and toxicology. This workshop provides an insight into synthesis of novel nanostructured Mg based alloy possessing the required properties and compatibility for industrial as well as biomedical applications. This workshop also provides an insight into the detailed techniques of characterization for structural and mechanical properties of novel Mg based alloys and their clinical trials for various biomedical applications like orthopaedic and dental implants as well as for coronary arterial stents. This programme also provides exposure to the current state-of-the-art Mg based alloy implants and devices for orthopaedic, cardiovascular and tissue engineering applications. Advances in new Mg based alloy design, novel structure design and surface modifications done are elaborated in the workshop. Various factors that influence the corrosion behaviour of Mg based alloys are analysed and discussed and the strategy in the future development of biomedical Mg based alloys is proposed.

DEPARTMENT VISION:

To be a model department with academic excellence and technical expertise, grooming students to become Mechanical Engineers of best quality to meet ever changing needs of industry and society.

DEPARTMENT MISSION:

- ❖ Impart technical education of highest standard by qualified and experienced faculty in the field of Mechanical Engineering through effective teaching learning process.
- ❖ Continuously upgrade knowledge, skill and engage in Research & Development activity by executing challenging projects in association with academia and industry.
- ❖ Imbibe ethical, environmental and social values amongst students using value-based education.

ATAL ACADEMY:

AICTE Training and Learning (ATAL) Academy is established with the vision "To empower faculty to achieve goals of Higher Education such as access, equity and quality". AICTE is committed for development of quality technical education in the country by initiating various schemes launched by Govt. of India, Ministry of Human Resource Development. Council understand that there is a need to train the young generation in skill sector and having faculty & technicians to be trained in their respective disciplines. Training is required for increasing the knowledge and skills of students to make them more employable to acquire global competencies.

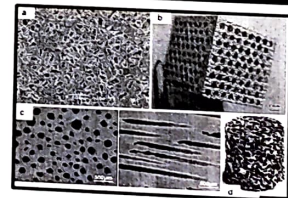
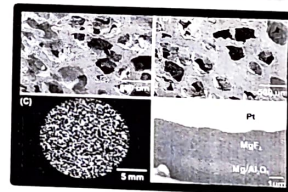
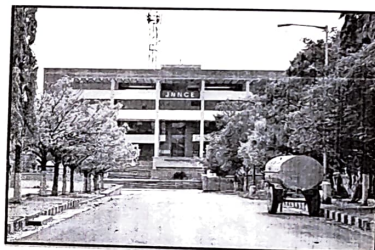
One Week Online FDP

on

"Novel Nano Structured Mg based alloy for Industrial and Biomedical applications"

Date 30th August to 3rd September

2021



You can also send the same information by email to

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JNN College of Engineering, Shivamogga, India.

AICTE Training And Learning (ATAL) Academy

Online Faculty Development Programme (FDP)

On

“Novel Nano Structured Mg based alloy for Industrial and Biomedical applications”

30th August 2021 to 03rd September 2021

Day/Time	10:00 AM -11:30 AM	11:30 AM - 11:45 AM	11:45 AM - 13:15 PM	13:15 PM - 14:00 PM	14:00 PM - 15:30 PM
30/08/2021 Monday	Session -1 Keynote Address Dr.Manoj Gupta Associate Professor NUS, Singapore.		Session -2 Dr Svitlana iljenko CEO - MSI, Materials Science International GmbH, Germany		Session -3 Dr. Bhingole Pramod P., Assistant Professor, IITRAM, Ahmedabad, Gujarat
31/08/2021 Tuesday	Session -4 Dr. Bhingole Pramod P., Assistant Professor, IITRAM, Ahmedabad, Gujarat		Session -5 Dr.Rijesh Associate Professor, VIT, Vellore		Session -6
01/09/2021 Wednesday	Session -7 Dr.Manoj Gupta Associate Professor NUS, Singapore.		Session -8 Dr.Rijesh Associate Professor, VIT, Vellore		Session -9
02/09/2021 Thursday	Session -10 Dr. M M Rajath Hegde Dean and Professor JNNCE, Shivamogga, Karnataka		Session -11 Dr.Shashibhushan Arya Assistant Professor NITK,Suratkal, Karnataka		Session -12 Dr.Shashibhushan Arya Assistant Professor NITK,Suratkal,Karnataka
03/09/2021 Friday	Session -13 Dr. Devadas Bhat Professor NITK, Suratkal, Karnataka		Session -14 Dr. Devadas Bhat NITK, Suratkal, Karnataka		Valedictory & Feedback

FDP Coordinator: Dr. M M Rajath Hegde Department of Mechanical Engineering, JNNCE, Shivamogga

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119	Dr. M.Lakshmi Chaitanya	chaitu.ml@gmail.com	888585 3084	Pragati Engineering College, 1-378, ADB Road, Surampalem, near Peddapuram, East Godavari, Andhra Pradesh, India.
120	Dr. Prakhar Jindal	prakharjindal@gmail.com	805112 5813	Amity University Haryana
121	Dr. Ipsita Swain	ipsita.swain@adypu.edu.in	706438 6883	Ajeenkya D Y Patil University
122	Mr. Kesavan. J	jothikesavan2284@gmail.com	957820 8080	periyar maniammai institute of science and technology
123	Mr. MANIKANDAN S P	spmanikannu@gmail.com	978624 2439	PERIYAR MANIAMMAI INSTITUTE OF SCIENCE AND TECHNOLOGY
124	Mrs. K.Subashini	subadiwakrishna@gmail.com	961133 6446	New Horizon College of Engineering
125	Mrs. Soni Kumari	soni.1802@gmail.com	901268 8962	GLA UNIVERSITY
126	Dr. NILESH ANAND	nilesh.mnnit@gmail.com	737678 6130	MADANAPALLE INSTITUTE OF TECHNOLOGY AND SCIENCE A.P.

AICTE-ATAL-sponsored FDP on "Novel NanoStructured Mg based alloy for Industrial and Biomedical applications"

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127	Dr. SANDEEP DESAI	swayamswaraj@gmail.com	996018 2552	KITs College of Engineering
128	Mr. Chetan C G	chetancg@jnnce.ac.in	959127 1360	JNN College of Engineering
129	Mr. V K Deepankar	dsvk09@gmail.com	761913 7666	J.N.N.C.E
130	Dr. Dr MAMATA SINGH	msingh@gitam.edu	998000 2647	GITAM
131	Dr. SASWAT KUMAR PRADHAN	saswatpr@gmail.com	943939 2341	IMS Engineering college
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133	Mr. R BHARATH	rbharathbaru436@gmail.com	815286 5212	KUPPAM ENGINEERING COLLEGE, KUPPAM
134	Mr. Dipak Uttamrao Gopekar	dipakgopekar@dietms.org	976601 5347	Deogiri Institute of Engineering and Management Studies, Aurangabad
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AICTE-ATAL-sponsored FDP on "Novel NanoStructured Mg based alloy for Industrial and Biomedical applications"

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156	Mrs. S.DEIVANAI	s.deivanai2002@gmail.com	729089 1038	DELHI SKILL AND ENTREPRENEUR UNIVERSITY
157	Mr S B Prasad Vejendla	bhargavavejandla@gmail.com	997190 8167	Indian Institute of Technology-Delhi
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163	Mr. JAYAVARDHANA ACHARYA N	jaiglamech@jnnce.ac.in	897128 4597	JAWAHARLAL NEHRU NEW COLLEGE OF ENGINEERING

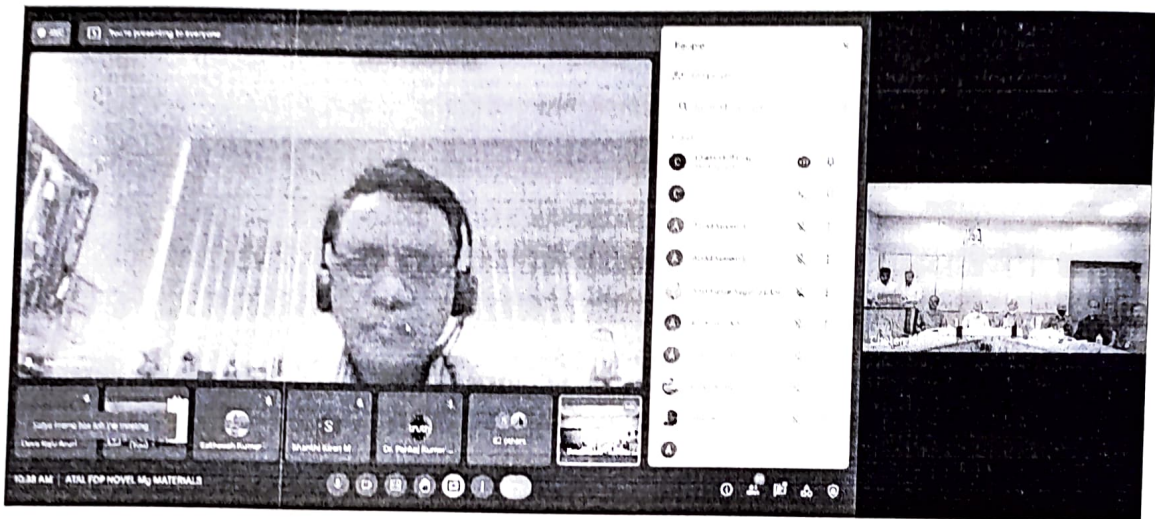
Note: Amongst 163 participants registered and approved, 123 participants were qualified to get the certificate.

THE PROCEEDINGS OF ATAL FDP

“Novel NanoStructured Mg based alloy for Industrial and Biomedical applications”

Date: 30th August to 3rd September 2021

The inauguration was held on 30th August 2021 online at 10:00 am at Meeting hall at JNN College of Engineering, Shivamogga. The program was also broadcasted in google meet as well.



Inaugural Ceremony Streamed live on Google meet and keynote address by Dr. Manoj Gupta

The inaugural function of the program started on 30.08.2021 at 10 am with the Master of ceremony by Mr. Parameshwara S.

Dr. E Basavaraj, Professor and head, Department of Mechanical Engineering and also FDP organizing chair welcomed the online participants and guests and offline gathering. Dr. M M Rajath Hegde, Professor and Dean, and also FDP Coordinator delivered inaugural address on Novel Mg based alloys for industrial and biomedical applications and highlighted about the organization of the FDP and mandatory requirements to be satisfied by the participants for getting the certificates. Mr. Pradeep N B introduced the chief guest of Inaugural function, Dr. Manoj gupta, Associate professor, Department of Mechanical Engineering, NUS, Singapore, who was connected in the online mode. This was followed by the address by the chief guest and guests Sri Nagaraja S N, Secretary, National Education Society, Shivamogga. Dr E Basavaraj, HOD, Mechanical Engineering Department gave the introduction to the Department.

Dr.P Manjunatha, Principal, JNNCE addressed the gathering and thanked AICTE for sanctioning the FDP to JNNCE and delivered the presidential address. In his speech, he brief about the importance of Novel materials.

After the completion of Inaugural function, Key Note Address was delivered by Dr. Manoj Gupta. The topic of the key note address was "Novel Mg based alloy for biomedical and industrial applications".

The second session of Day 1 was handled by the resource person Dr Svitlana iljenko CEO - MSI, Materials Science International GmbH, Germany. Dr M M Rajath Hegde, Coordinator of FDP introduced the speaker. The talk was on "Heterogeneous Multicomponent Phase Equilibria: Importance of Critical Evaluation of Data". In her lecture, she explained about the phase diagram and how to identify the different phases present in the alloy. Audio video aid was also used to deliver the contents. At the end of the session, questions were invited from the participants.

The third and the last session of Day 1 was on Overview on "Processing, microstructure and properties of ultrasonically processed in situ magnesium alloys composite" and was handled by Dr. Bhingole Pramod P., Assistant Professor, IITRAM, Ahmedabad, Gujarat. In his talk he explained about the processing and various characterization techniques required to know the strength of Mg based alloy. The end of the session was followed by questions from the participants and answers by the resource person.

The first session of DAY 2 was started at 10 am on 31.08.2021 and the resource person was Dr. Bhingole Pramod P. The topic of the session was "Mg/Al alloy foam sandwich composite structure for the bone implant applications". In his session he explained about the development of Mg/Al based alloy for bone implant applications. At the end of the session Questions were invited from the participants and discussed.

The second session of Day 2 was conducted by Dr.Lohith G Doctor –Orthopedic Mc Gann Hospital, SIMS, Shivamogga.on the topic "Biomedical Application". The session was completely on present implant materials being used by Doctors in surgery. The third session of Day 2 was handled by Dr.K R Phaneesh Professor, MSRIT, Bengaluru. He explained about the novel materials which were used in different places of ancient India.

On Day 3 of the FDP i.e on 01.09.2021, the first session was conducted by Dr.Manoj Gupta Associate Professor NUS, Singapore.. Mr. Dcepankar V K, FDP convener introduced Dr.Manoj Gupta to all the participants. The seesion was on "Emergence of Magnesium Based Nanocomposites for Engineering/Biomedical Applications", he explained about the various techniques available to synthesize the

Mg alloy and how best we can use these alloy material for industrial as well as bio-medical applications.

The second and third session of Day 3, was handled by resource person Dr. Rijesh M, Associate Professor, VIT, Vellore and the topic was Nanostructuring of Bulk Nano Magnesium and its Alloys by Severe Plastic Deformation. He mainly focused on Synthesizing the Mg alloy by High energetic ball milling technique and XRD characterization to know the chemical composition and structural information of the alloy. All the two sessions of Day 3 by him were very much interactive and informative.

The Day 4 first session was taken by Dr. R. Vaira Vignesh, and he delivered his talk on the Synthesis and characterization of Magnesium based surface composites for biomedical Implants.

The second and third session of Day 4 was by Dr. Shashibhushan Arya,. Mr. Deepankar V K introduced the resource person for the participants and topic delivered on Corrosion and passivation behavior of ultrafine-grained (near nanocrystalline) Mg alloys.

On the last day i.e today the session began with Dr. Udaya Bhat, and delivered on Novel ultrafine grained magnesium based alloys for light weight applications and second session of FDP was delivered by Dr. Devadas Bhat on Novel Mg-RE based alloys and composites for biomedical applications.

The valedictory session was started at 2.30pm Dr. M M Rajath Hegde ATAL FDP Coordinator, Addressed the gathering by summing up the entire program and overall feedback about FDP was taken and Concluded by vote of thanks by Mr. Deepankar V K. Test was given to the participants at 4pm.



National Education Society (R.)

J N N College of Engineering, Shivamogga

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



Department of Information Science and Engineering



Report
on



**5-DAY ONLINE FACULTY DEVELOPMENT PROGRAM FUNDED BY
AICTE ATAL ON**

“Computing Constructs for Modelling Biology”

4th - 8th October 2021

SPEAKERS

Dr. Deepali Gupta		
	Professor Research in Chitkara University Research and Innovation Network (CURIN) at Chitkara University, Punjab, India.	Her fields of interest include Software Engineering, Cloud Computing, Machine Learning and BlockChain. She has received Research Excellence Awards for patent filling and publications in the year 2020 and 2021 as well.
Dr. Nitin Varma		
	Professor, Visiting Faculty IIM Ranchi & Independent Consultant.	Management Areas: Analytics Strategy Marketing Finance HR Technology Areas: Computational Biology Quantum Computing Data Science Analytics Artificial Intelligence Domains: Smart Cities Start-ups Education Research & Writing Entrepreneurship
Dr. Sreepathi L K		



President KRVP Shimoga, Rtd
Professor and Vice Principal
JNNCE Shivamogga.

Areas of interests are bio fuel
conversion, green
architecture, solar energy,
Rain water harvesting,
Science education & Career
Guidance

Appendix A : Detailed Profiles of Resource Persons

Schedule of the Workshop

AICTE Training and Learning (ATAL)
Faculty Development Programme
On
"Computing Constructs for Modelling Biology"
4th – 8th October -2021

Programme Details

- **Mode of conduction: ONLINE**
- Google Meet Link to Join : <https://meet.google.com/vyj-fguo-ynm>

Day and Date	9.30 AM to 11.00AM		11.30AM-1.00 AM		2.00 PM -3.30 PM
04-10-2021 Monday	Inauguration & Key Address (Dr. Deepali Gupta, Professor, Chitkara University, R&I Network)	TEA BREAK	Overview Introduction to Computational Biology Dr Nitin Varma	LUNCH BREAK	Overview Current Ecosystem of Computational Biology Dr Nitin Varma
05-10-2021 Tuesday	Working Details Key Algorithms and Applications Dr Nitin Varma		Working Details Mathematics for Computational Biology Dr Nitin Varma		Humanitarians Session Dr L K Sreepathi
06-10-2021 Wednesday	Software Software Resources for Computational Biology Mahesha BR Pandit		Software Introduction to BioPython Dr Nitin Varma		Case Studies Relevant Case Studies Dr Nitin Varma
07-10-2021 Thursday	Limitations Limitations and Failures of Computational Biology Dr Nitin Varma		Industry Computational Biology Start-ups Dr Nitin Varma		<i>Future Focus</i> Future of Technology for Computational Biology Dr Nitin Varma
08-10-2021 Friday	The Examination		<i>Innovation</i> Innovation Strategies for Computational Biology Dr Nitin Varma		<i>Conclusion</i> Results, Feedback, Q&A All Resource Persons

Inauguration:

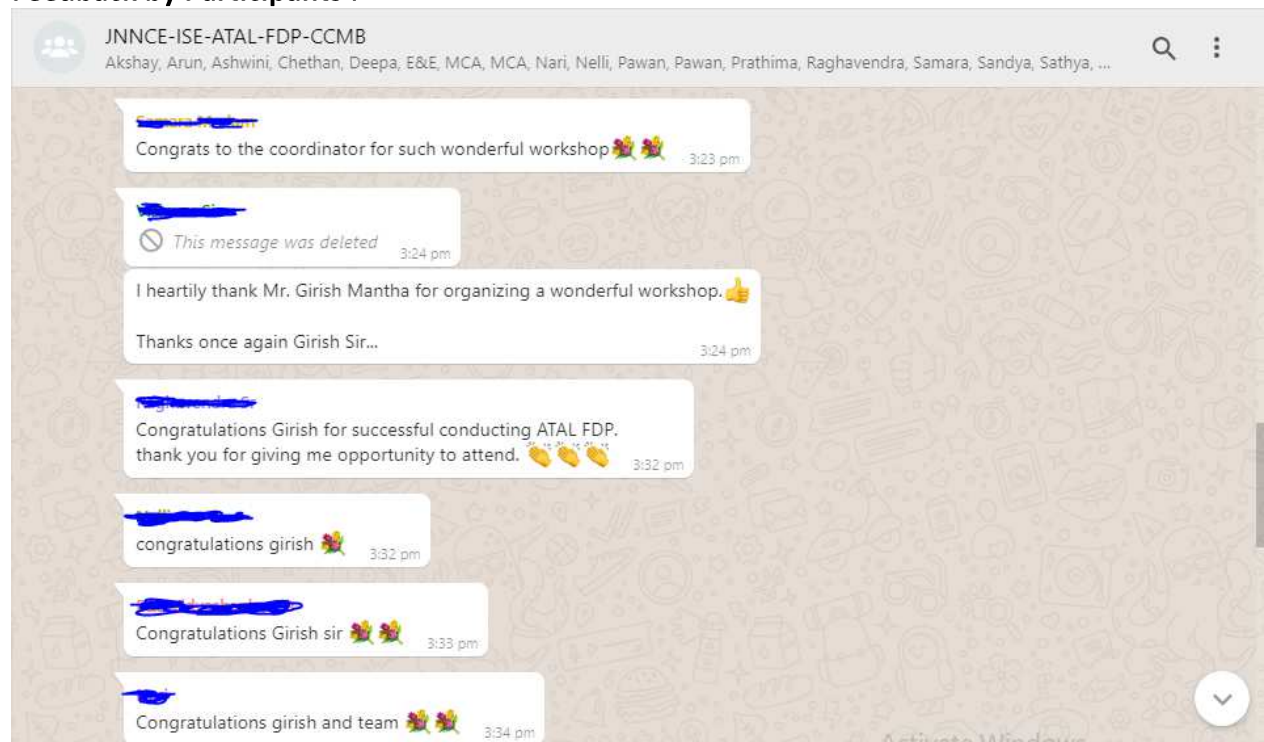
The inauguration was held on 4th October 2021 online at 10:00 am. Chief Guest of the program was Prof. Dinanath Kholkar, Vice-President & Global Had, Analytics & Insights, TCS , Guest of Honour of the function were Prof. Anil D. Sahasrabudhe, Chairman AICTE and Mamta R Agarwal. Advisor-1 AICTE and AICTE official were also present with the participants.

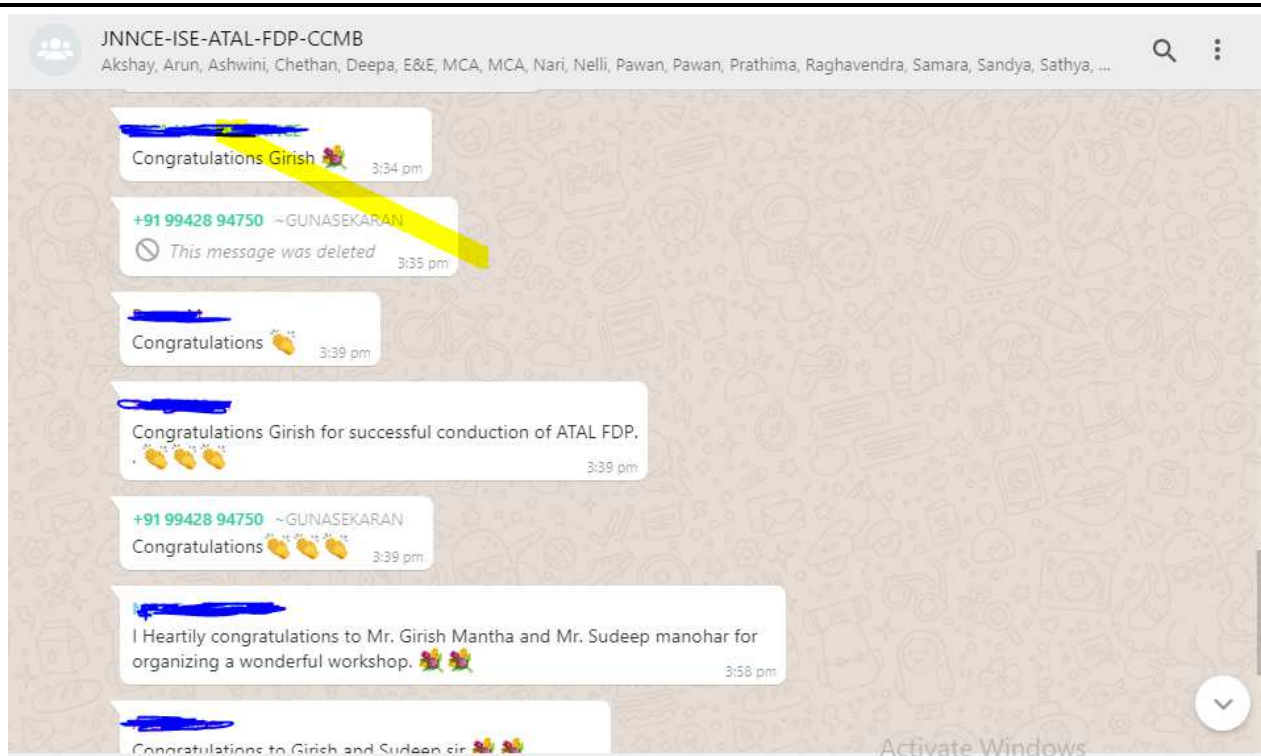
Mamta R Agarwal, Advisor-I, AICTE Welcomed the everyone present online. Prof. Anil D Sahasrabudhe, Guest of Honor Chairman, AICTE Highlighted various schemes of AICTE and Implementation of NEP. Chief Guest Dinanath Kholkar, Chief Guest, Vice-President & Global Head, Tata Consultancy Services addressed the gathering and he highlighted gathering on evolving trends, disruptive technologies, changing

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25	Mr. Santhosh	santhoshsgrao@jnnce.ac.in	7899197522
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28	Dr. MANJUNATH M S	manju297382@gmail.com	9449080661
29	Mr. Rohit S Malladar	powerohit@gmail.com	9663861707
30	Mr. VISHWAS C.G.M	vishwascgm@jnnce.ac.in	9448768614
31	Mr. Manjunath Kamath K	manjunathkamath@yit.edu.in	9481006666
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33	Mr. Sudeep Manohar	sudeep_mansh@yahoo.com	9481063204
34	Mr. Prabhakaran N	prabhavatar@gmail.com	8277473939
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38	Mrs. Samara Mubeen	samaramubeen7860@gmail.com	9632968688
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40	Mr. Sathyanarayana K B	sathyanarayanakb@gmail.com	9902802752
41	Mr. Arun Kumar P	arunkumarp@jnnce.ac.in	9743011472
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43	Mr. Shivarajkumar Hiremath	shivaraj2323@gmail.com	9538012218
44	Mr. Pandit Giri Mohan Das P. K.	giri28@jnnce.ac.in	9972111107

Feedback :

Feedback by Participants :





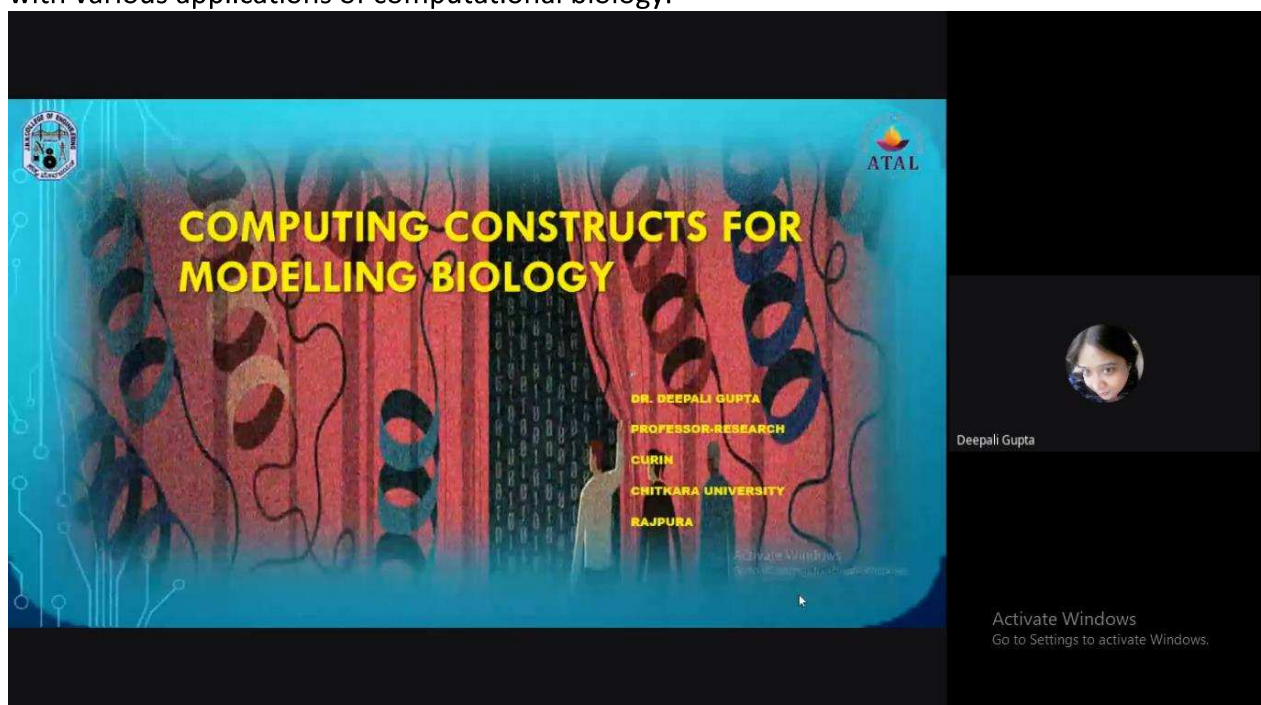
It was a great Initiative by ATAL Academy. I am thankful to AICTE for giving me this opportunity to conduct online FDP for faculty members of technical institute of India free of cost.

Sessions

Day-1 Session-1 : Keynote address

Speaker : Dr. Deepali Gupta

Speaker Introduced audience with how to come up with hypothesis, like Starting with Experiment, then do the Scientific Research by building customised mathematical models, then arrive at the hypothesis. Later she overviewed about what computational biology consists of like combination of Maths, Statistics, Physics and Computer science. Speaker gave thought on few of the questions Computational biology answers like Why 2 people never look same? Why some people get sick to certain circumstance while others not. Also madam introduced participants with various applications of computational biology.



Day-1 Session-2 : Introduction to Computational Biology Speaker : Dr. Nitin Varma

Gave introduction to Origin and different applications of computational biology. He introduced participants with Various sectors where computational biology can be used. He mentioned tools available for analysing the existing data. How to approach the problems and what now exists.

The screenshot shows a Google Meet interface. The main content area displays a presentation slide titled "Introduction to Computational Biology". The slide includes the ATAL logo, the text "ATAL FDP 2021 4-8 October 2021", and "Conducted by" followed by the logo of Anna University. Contact information for Dr. Nitin Varma is provided: "Dr Nitin Varma", "nitin.varma.iimranchi@gmail.com", "77669 07750", and "https://www.linkedin.com/in/nitinilim". The slide features an illustration of a scientist in a lab coat working at a computer, with a large leaf and a flask in the background. The right side of the screen shows a grid of participant video thumbnails, including Dr. Nitin Varma, Helan satish, Ashwini S. R, HEMANTH KUMAR, Shakunthala B S, Arun Kumar, and a group of 7 others. The bottom of the screen shows the Windows taskbar with the search bar and system tray.

Day-1 Session-3 : Current Ecosystem of Computational Biology Speaker : Dr. Nitin Varma

The screenshot shows a Google Meet interface. The main content area displays a presentation slide titled "Current Ecosystem of Computational Biology". The slide includes the ATAL logo, the text "ATAL FDP 2021 4-8 October 2021", and "Conducted by" followed by the logo of Anna University. Contact information for Dr. Nitin Varma is provided: "Dr Nitin Varma", "nitin.varma.iimranchi@gmail.com", "77669 07750", and "https://www.linkedin.com/in/nitinilim". The slide features an illustration of a scientist in a lab coat working at a computer, with a large leaf and a flask in the background. The bottom of the screen shows a grid of participant video thumbnails, including Dr. Nitin, Chetan, V, Arun, Narendraku..., Rajashree, VISHWAS, Santhosh, You, HEMANTH, Manjunath, SHARATH K..., Helan, and Ashwini. The bottom of the screen shows the Windows taskbar with the search bar and system tray.

Shown different institutes working on Computational Biology like Camegle Melon University,

Thought Provoking Questions for debate

Share your thoughts

1. Could we give projects based on these algorithms to students?
2. Are we teaching algorithms in our courses?

11:00 AM | JNNCE-ATAL-FDP-OCT-2021

Harvard, MIT, Cambridge, Stanford University etc. Also Indian universities like IIT Kanpur, IIT Jodhpur, Kasturba University etc. Attitude towards learning new things.
Existing landscape of Computational biology – India and Globally
Education Research and Labs
Attitude Shift

Day-2 Session-1 : Key Algorithms and Applications

Speaker : Dr. Nitin Varma

Computational Constructs for Modelling Biology

Key Algorithms and Applications

ATAL FDP 2021
4-8 October 2021
Conducted by

Dr Nitin Varma
nitin.varma.limranchi@gmail.com
77669 07750
<https://www.linkedin.com/in/nitinlim>

In call

- Chetan K R (You) Meeting host
- Arun Kumar
- DEEPA V B
- Dr. Nitin Varma
- Dr. Nitin Varma Presentation
- Girish Mantha

9:35 AM | JNNCE-ATAL-FDP-OCT-2021

Relations between Biological concepts and Computer Science concepts. Codon and Anticodons and how they are generated, RNA and mRNA mutations. Biological and Computer Networks. DNA Replication Algorithms. Various Algorithmic types.

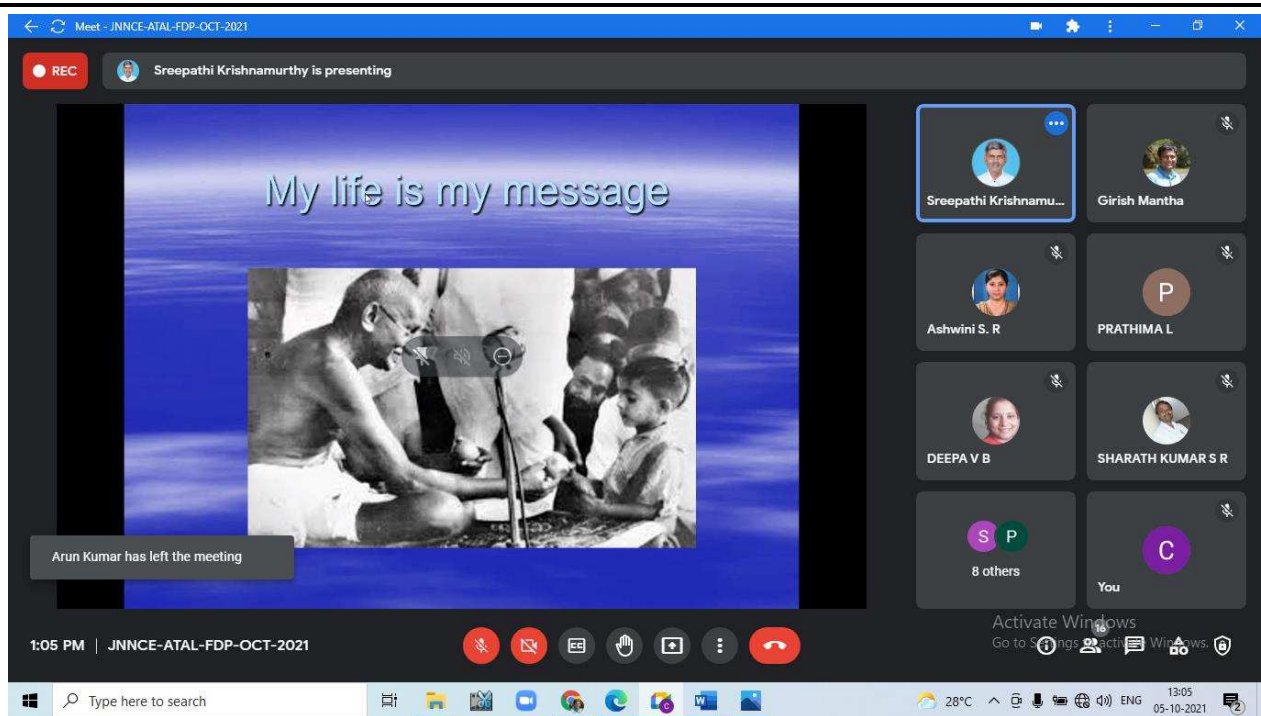
Day-2 Session-2 : Climate Change and Gandhian Philosophy

Speaker : Dr. L K Sreepathi

The screenshot shows a Zoom meeting interface. The main window displays a presentation slide with a blue background and white text. The slide title is "Climate Change and Gandhian Philosophy" and the subtitle is "Rise Your Voice; not the Sea Level". Below the subtitle, it says "By Dr. Sreepathi L.K. President, Shimoga District Unit, Karnataka Rajya Vijnana Parishath, Shimoga". The Zoom toolbar at the bottom shows various icons for mute, video, chat, and other functions. The system tray at the bottom of the screen shows the time as 11:52 AM and the date as 05-10-2021.

Dr sreepathi LK, started with how Disruption of Natural Cycles due to human activities, Various calamities happening. What is special about mother earth? Causes of Global Warming and there understanding. Evidences of Global Warming. Impact of Climate Change. Gandhian Philosophy a solution for Climate Change. Life lessons from Gandhi about how we should live and What is solutions. Concluded with Seven Sins of Humanity told by Gandhi.

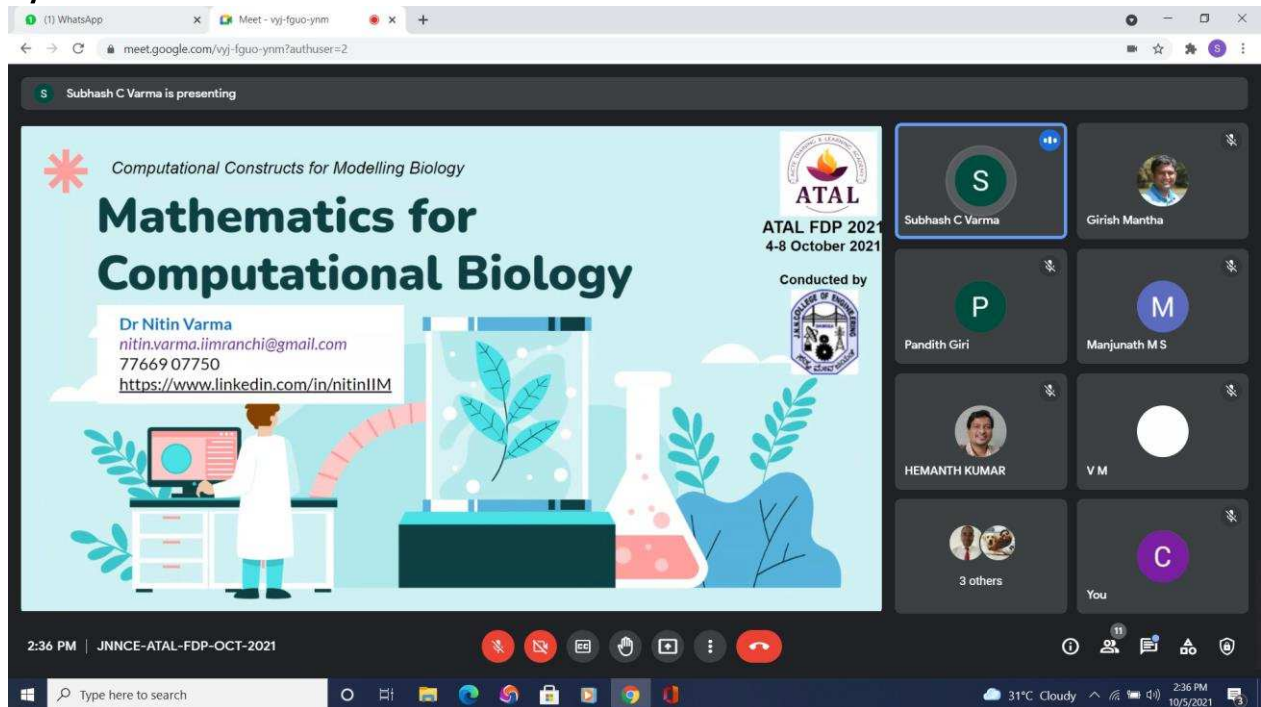
The screenshot shows a Zoom meeting interface. The main window displays a presentation slide with a blue background and white text. The slide title is "Khadi and Village Industries are the backbone of our country". Below the title is a photograph of a spinning wheel with a sign that reads "BADANVAL SPINNING WHEEL". The Zoom toolbar at the bottom shows various icons for mute, video, chat, and other functions. The system tray at the bottom of the screen shows the time as 1:15 PM and the date as 05-10-2021.



Day-2 Session-3

Topic : Mathematics for Computational Biology

By : Dr. Nitin Varma



Mathematics Toolkit, Stochastic Process

Day-3 Session-1

Topic : Software Resource for Computational Biology

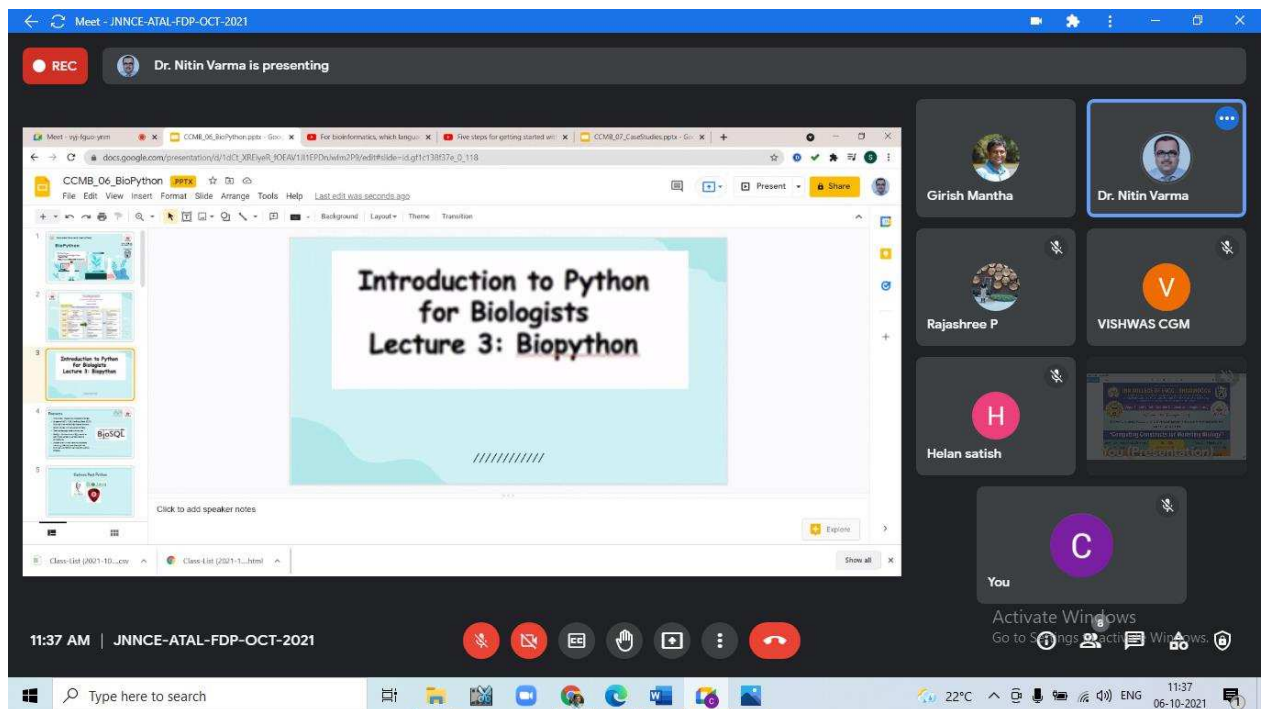
Encyclopaedia of DNA. ENCODE Resources for collecting DNA. Software tools like MEGA,



Day-3 Session-2

Topic : Introduction to Python for Biologists (Bio Python)

Tutorial for using Bio-Python for programmers. Various methods for Manipulating gene sequences. Gen Bank, BLAST results.



Day-3 Session-3

Topic : Case studies in Bio-Python

Covid-19 Case study using Bio-Python and R Language. Protein Analysis of Covid-19 Using Bio-Python.

Day-4 Session-1

Topic : Failures and Limitations of Computational Biology

Protein Sequence and Structures design over the years, Different versions, and difference between them. Failure of google flue. Problems of Big Data with will affect computational biology. Biocomputing II, the Science, and art of Debugging.

Day-4 Session-2

Topic : Start-ups in Computational Biology

Next Industrial revolution and Bio startups. Most profitable BioTech Business Ideas. Various startup ideas.

Dr. Nitin Varma is presenting

Computational Constructs for Modelling Biology

Startups in Computational Biology

Conducted by
Dr. Nitin Varma
nitin.varma@ccmb.res.in@gmail.com
77669 07750
<https://www.linkedin.com/in/nitin98/>

ATL
ATAL FDP 2021
4-8 October 2021

Participants: Dr. Nitin Varma, srushti c s, Girish Mantha, SHARATH KUMAR S R, Manjunath M S, deepa vb, 12 others, You.

Day-4 Session-3

Topic : Future of Technology for Computational Biology

Future of Biotechnology, Next Software Revolution is using Biological Programming.
Biographication, Biofabrication, Organic Computing, Bio-Chips, Geno-CAD, Nano Computing

Dr. Nitin Varma is presenting

AICTE Training and Learning (ATAL) Faculty Development Programme
On
"Computing Constructs for Modelling Biology"
4th - 8th October-2021

Mode of conduction: ONLINE
Google Meet Link to Join : <https://meet.google.com/vvj-fquu-ynm>

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04-10-2021 Monday	Inauguration & Key Address (Dr. Deepali Gupta, Professor, Chitkara University, RRI Network)	Overview Introduction to Computational Biology Dr Nitin Varma	Overview Current Ecosystem of Computational Biology Dr Nitin Varma
05-10-2021 Tuesday	Working Details Key Algorithms and Applications Dr Nitin Varma	Working Details Mathematics for Computational Biology Dr Nitin Varma	Humanitarians Session Dr. L.K. Sreepathi Case Studies Relevant Case Studies
06-10-2021 Wednesday	Software Software Resources for Computational Biology Madhava SR Prasad	Introduction to BioPython Dr Nitin Varma	Dr Nitin Varma Future Focus
07-10-2021 Thursday	Limitations Limitations and Failures of Computational Biology Dr Nitin Varma	Computational Biology Start Dr Nitin Varma	Future of Technology for Computational Biology Dr Nitin Varma
08-10-2021 Friday	The Examination	Innovation Innovation Strategies for Computational Biology Dr Nitin Varma	Conclusion Results, Feedback, Q&A All Resource Persons

Participants: Dr. Nitin Varma, srushti c s, Girish Mantha, Rajashree P, V M, deepa vb, 4 others, You.

Day-5 Session-2

Topic : Innovation Strategies for Computational Biology.

Motivational Videos about case studies in Computational Biology.

Day-5 Session-3

Topic : Results, Feedback and Q&A

Appendix A: Profile of Resource Persons

Dr. Deepali Gupta

deepaliramangupta@gmail.com

Prof. (Dr.) Deepali Gupta is currently working as **Professor Research in Chitkara University Research and Innovation Network (CURIN) at Chitkara University, Punjab, India.**

Dr Deepali Gupta specializes in software engineering, cloud computing and genetic algorithms. She has worked with undergraduate, postgraduate students as well as research scholars throughout

her career and plans to continue to involve students in her research and is eager to participate in projects and guide independent student's research.

She has published more than **120 research papers** in national & international journals and conferences (Scopus and SCI indexed). She has also filed **25 patents** out of which 08 are published. Based on these areas she has guided many PhD and ME scholars. Dr Deepali has worked at various administrative positions like Principal, Head(CSE), Dean Academics, IBM (Spoc), Remote Centre Coordinator (IITB), Coordinator for IITB Spoken Tutorial, Executive Committee Member in Computer Science Division of Haryana State Centre(IEI), President Sangam Kala Group(Kurukshetra, Mohali and Chandigarh Chapter), Member of Anti-Ragging Committee, Academic Council, Faculty of Engineering and Technology, Board of Management, Chairman SC/ST Cell of MMU, Sadopur and Principal(MMGI, Sadopur).

Her fields of interest include Software Engineering, Cloud Computing, Machine Learning and BlockChain. **She has received Research Excellence Awards for patent filing and publications in the year 2020 and 2021 as well.**

She has also received **certificate of appreciation** on 15 September, 2021 from "The Institution of Engineers (India), Haryana State Centre" acknowledging her valuable technical contribution rendered to the nation as a Tech Samaritan during COVID-19 Pandemic and reaffirming the credence of the profession of engineering on the occasion of 54th Engineers' Day Celebration.

She is an active member of various professional bodies like IEI (India), IETE, ISTE etc. apart from being Editor-in-chief of MMU journal, she is an editorial board member and reviewer of various reputed journals.

Dr. Nitin Varma

nitin.varma.iimranchi@gmail.com

Dr. Nitin Varma is a techno-management corporate person who has lived and worked across cultures around the globe. Been blind-peer reviewed and vetted internationally, been a winner of an International Innovation Award in Europe (40 + country participants), been twice finalist of the same - winner of several National awards.

Management Areas: Analytics | Strategy | Marketing | Finance | HR

Technology Areas: Computational Biology | Quantum Computing | Data Science | Analytics | Artificial Intelligence

Domains: Smart Cities | Start-ups | Education | Research & Writing | Entrepreneurship

It has been 27+ years since Dr. Nitin completed B.Tech.(N.I.T. Kurukshetra).

Dr. Nitin is also Ph.D. (IIM Ranchi, full time -Analytics & Information Systems) and PGDM (SPJIMR, Mumbai: 2 Years Full-time equiv. MBA). Dr. Nitin has been a Certified Project Management Professional PMI-PMP (USA, 2009) and also is Six Sigma Certified (KPMG 2013).

Dr. Nitin is has also been the CEO and Founder of a US based startup, lived in the US (was an EAD Green Card) and worked on IT Consulting & Marketing in the US- including for projects of strategic US Government interest (Smart Cities / Smart Transportation Systems / IoTs) and also with Fortune 500s, before returning to India.

Dr. Nitin has been on the Editorial board of the Indian Express Group publication, hosted discussions including with Fortune 500 leaders through the Silicon Valley Entrepreneurship Association(Bay Area, California USA), taught in Europe + Indian Institutes, has been a speaker@the Bombay Stock Exchange, has trained scientists from DRDO and other

Government organizations, has published articles in ABDC journals and has filed patents. Dr. Nitin always had great interest in biology since childhood, and now that Dr. Nitin is on the threshold of Data Science and Analytics, Dr. Nitin has been helping others to best approach Computational Biology.

Dr. Sreepathi L K
(sreepathi.lk@gmail.com)

Born and brought up in a small village Lingadhahally, Chikkamagalure Dist. Sreepathi did BE. (Mechanical) at SIT, Tumkur and perused M.Tech and Ph.D programmes at IIT Bombay from 1988 to 1994 in the area of thermal and fluids engineering. He has worked as a Professor, in the dept. of Mech. Engg, JNN college of Engg., Shimoga from 1994 till 2019 and retired as a Vice Principal of JNN College of Engg Shivamogga.

He has carried out several research projects funded by CSIR, MNES, AICTE, KSBDB etc. His areas of interests are bio fuel conversion, green architecture, solar energy, Rain water harvesting, Science education etc. He has installed biomass gasifier and Biodiesel plants in the college with funding from Govt. agencies and has published 38 papers in journals and conference proceedings. He is the coordinator of the “Chirantana Green Technology Center” and “District Bio fuel Information and Demonstration Center” of the college. The centers are actively involved in promoting renewable energy devices, bio fuels, rain water harvesting, sustainable and eco friendly life style among school/college students and general public since eight years. The center has the credit of developing Roof water filter, Bio filter for domestic water purification”, Waste plastic to oil Unit, Bio Diesel by products like, Soaps, Hand wash, Floor Cleaner etc.

He was the member of advisory committee on “Green Campus-Central Univ. Karnataka, Gulbarga. He is the Chairman for local area committee of Pollution Control Board for Bhadravathi Industrial cluster. He is the coordinator for conducting INSPIRE Internship camp at JNNCE, Shimoga since 2010 and also a DST enlisted mentor for INSPIRE scheme. INSPIRE is scheme initiated by Dept. of Science and Technology to promote research zeal among talented youth. He was invited as an observer for 8 th National Teachers science congress held at IISER, Pune in Dec 2015.

He has written booklets on “House and Rain water harvesting” “Roof water Harvesting”, “Solar Water Heater”, “Solar Photovoltaic Cells”, “Renewable Energy Sources”, “Sustainable energy Technologies for Malnad Region” and a play on ‘Water Harvesting’ in Kannada language. His other interests are cycling, trekking and farming. In 2012, he has been awarded “Suryamitra” by Selco Solar lights co. Bangalore He has been honored with “Life time Achievement Award” by his institution in the year 2017. He is residing in an eco-friendly house “Vibha” along with his wife Mamatha and son Vishakha. The house has rain water harvesting system, solar power supply, passive cooling techniques, kitchen waste gas plant, liquid waste recycling systems. The house has been featured in Discovery, National Geographic and other TV channels as well as print media.

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**AICTE Training And Learning(ATAL) Academy Programme FORMAT FOR
STATEMENT OF EXPENDITURE**

AICTE File No.(Sanction letter file No.) : F. No. 2-23 /AICTE/ATAL-HQ/2021-22/1973


Title of the Programme: "Computing Constructs for Modelling Biology"

Application No. : 1614051797


Name of the Coordinator: Girish Mantha

Sanction No. and Date	Grant Sanctioned	Details of expenditure Incurred Item wise	Amount Rs. (In each head)	No. of Participants	Duration of the Programme (with dates)
F. No. 2-23 /AICTE/ATAL-HQ/2021-22/1973 Date : 24/9/2021	93,000/-	1. Honorarium to Coordinator Rs.2000/- per day x 5 days	10,000/-	44	04-10-2021 to 08-10-2021
		2. Honorarium to Computer operator	2000/-		
		3. Honorarium for experts (Rs.5000 per session for total 14 session).	70,000/-		
		4. Provision for payment to Lab Attendant	1000/-		
		5. Miscellaneous charges(Petty Expenses not covered above)	10,000/-		
		Total	93,000/-		
		Grant Received	93,000/-		
		Balance to be Received	NILL		

(1)  GIRISH MANTHA
Name and Signature of Coordinator with Seal
GIRISH MANTHA,
B.E.,M.Tech.(CS)
Asst. Prof., IS&E Dept.
JNCE, Shivamogga.

(2)  Dr. P MANJUNATHA
Name and Signature of Head of Institution with Seal
Principal
Jawaharlal Nehru National
College of Engineering, Shivamogga.
For A. Narasimha Murthy & Co.,
Chartered Accountants

(3) Signature (with Seal) of the Finance Officer/ Auditor/Accounts Officer (If it is Govt./Govt. Aided Institute)

(4) Signature of Chartered Accountant: 
Name of Chartered Accountant: **A. Sharath**
Membership No: **M. No. 214269,**
Rubber stamp: **Firm Reg. No: 011107S**
Full Address:
Date: **13 OCT 2021**

JNN COLLEGE OF ENGINEERING
NAVULE, SAVLANGA ROAD, SHIMOGA - 577204
UTILIZATION CERTIFICATE FOR THE FINANCIAL YEAR 2021-22
Name of the Scheme under which Grant was sanctioned: AICTE Training And
Learning (ATAL) Academy.

AICTE File No. : F. No. 2-23 /AICTE/ATAL-HQ/2021-22/1973

Name of the Coordinator: **Girish Mantha**

Application No. : **1614051797**

Title of the ATAL Programme: **"Computing Constructs for Modelling Biology"**


Sl.No	AICTE Sanction Order/Letter No. & Date under which grant was sanctioned	Amount (Rs.)	
1.	F. No. 2-23 /AICTE/ATAL-HQ/2021-22/1973 Date : 24/9/2021	93,000/-	Certified that out of the grant-in-aid of Rs. 93,000/- (Rupees Ninety – Three Thousand Only) sanctioned by the AICTE during the financial year 2021-22 in favour of JNN College of Engineering, Shivamogga as per letter mentioned in the margin, Rs. NIL on account of unspent balance of previous year, Rs. NIL on account of other income / receipts, a sum of Rs. 93,000 has been utilized for the purpose for which it was sanctioned and the balance of Rs. NIL remained unutilized at the end of the year.

Certified that I have satisfied myself that the conditions on which the grant-in-aid was sanctioned have been duly fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of checks exercised: -

- Audited Annual Accounts of the Institute
- Receipt and Payment account
- Periodical Progress Reports.

(1). Name, Signature & Address of the Claimant/Awardee/Coordinator with seal:



Girish Mantha,
 Asst. Professor. ISE Dept
 JNNCE, Shivamogga

GIRISH MANTHA,
 B.E., M.Tech.(CS)
 Asst. Prof., IS&F Dept.
 JNNCE, Shivamogga.

2). Signature of Chartered Accountant:


For A. Narasimha Murthy & Co.,
 Chartered Accountants

3). Signature of Head of the Institute:


Principal
 Jawaharlal Nehru National
 College of Engineering, Shivamogga.
 Name & Designation of the Head of Institute:
 Dr. P. Manjunatha, Principal JNNCE,
 Rubber stamp:
 Full Address: Principal JNNCE, Shivamogga
 Date: **12/10/21**

Membership No:

Rubber stamp:

Full Address:

Date:

C.A. Sharath

Proprietor

M. No. 214269,

Firm Reg. No: 011107S

13 OCT 2021

UDIN - 21214269AAAFR5266

4). Signature of the Finance Officer/Accounts Officer:
 Name of the Finance Officer/Accounts Officer:
 (If it is Govt./Govt. Aided Institute)