

**AICTE TRAINING AND LEARNING
(ATAL) ACADEMY**

**Five days Online FDP on
Future trends in Green Energy
Technologies for Sustainable
Development**

OCTOBER 25 - 29, 2021

Sponsored by

**ALL INDIA COUNCIL FOR
TECHNICAL EDUCATION, NEW DELHI**



Organised by



**AGRICULTURAL ENGINEERING COLLEGE AND
RESEARCH INSTITUTE
TAMIL NADU AGRICULTURAL UNIVERSITY
COIMBATORE - 641012
TAMIL NADU, INDIA**



**ORGANIZING COMMITTEE
CONVENOR**

Dr. B. Shridar
Dean

**Agricultural Engineering
College and Research Institute**

PROGRAMME COORDINATORS

Dr. P. Subramanian
Professor and Head

**Dept. of Renewable Energy Engineering
Ph: 94438 89305; 72000 04700**

atalaecri@tnau.ac.in
bioenergy@tnau.ac.in

Dr. Balaji Kannan
Professor

**Department of Soil and Water
Conservation Engineering**

Ph: 97899 82772
balajikannan@tnau.ac.in

REGISTRATION

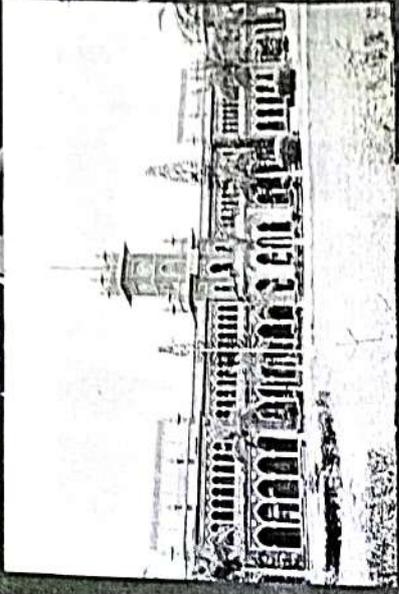
<https://www.aicte-india.org/atal>

or

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

ABOUT THE INSTITUTE

Agricultural Engineering College and Research Institute (AECRI), Coimbatore is one of the constituent colleges of the Tamil Nadu Agricultural University. This is the first college started in South India for providing agricultural engineering education in July 1972. The college is accredited by All India Council for Technical Education (AICTE) and Indian Council of Agricultural Research (ICAR).



ABOUT THE DEPARTMENTS

The Department of Renewable Energy Engineering and the Department of Soil and Water Conservation Engineering are organizing this training program. The Department of Soil and Water Conservation Engineering was started in the year 1972. In 1982, Department of Agro Energy was formed by establishing an Agro Energy center with the assistance of DST, Government of India. In line with ICAR, this department is rechristened as Department of Renewable Energy Engineering from April 2019. The Departments have national and international research collaborations.

FDP SESSION DETAILS

001
25
Dr. V. Kirubakaran
Associate Prof. and Director I/c
Centre for Rural Energy, The
Gandhigram Rural Institute, Dindigul

Biomass based gaseous and solid fuel
production technologies

001
25
Er. Srikrishna Balachandran
Expert in Plastic Waste
Recycling, UNDP, New Delhi

Sustainability and plastic Waste Management

001
25
Dr. M. Premalatha
Professor, Dept. of Energy
and Environment, NIT,
Trichy

Biofuel Generation from Algal Resources

001
26
Er. Kumaraguru Rajasekar
Senior Manager - LCA and
Sustainability, Tata Steel,
Jharkhand

Sustainability and Life Cycle Assessment

001
26
Dr. P. Tamilarasan
Scientist & Assistant Professor,
CECO, Karaikal

Fuel cells development and its Applications

001
26
Er. Digu Aruchamy
Technology Innovation Manager
Sensing & Control Systems,
Barcelona, Spain

Sustainable Cities

001
27
Ms. N. Mangaleshwarl Mani
Clinical Psychologist & Assis
Professor, KMCH & ET,
Coimbatore

ABOUT THE FDP

This FDP will cover key note and hands on session on familiarization of green energy technologies, viz., Solar, wind, biological solid, liquid and gaseous fuels, fuel cell and their applications by eminent resource persons from the respective domain. Technical aspects on energy conservation through Energy auditing and management, Waste Management, Life Cycle Assessment, Circular Economy, Green buildings, with special focus on sustainable concepts, sustainability reporting will be addressed through technical sessions from professionals and industry personnel. In addition, hands on sessions on energy generation technologies will be exposed to the participants

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 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 competence.

FDP SESSION DETAILS

001
27
Dr. J. Jeyanthi
Professor and Head, Dept. of Civil
Engineering, Government College
of Technology, Coimbatore

Nanotechnology for wastewater treatment

001
27
Mr. D Raghavan
Head of Operations M/s Indian
Geoinformatics Centre, Chennai

Basic concepts of GIS and Case studies on
Watershed applications of GIS

001
28
Er. Ganesh Kumar
Senior Associate - Environment
and Sustainability at Amazon

Sustainability Reporting

001
28
Ms. Sanjita
Managing Director, Ela Green
Buildings and Infrastructure Pvt.
Ltd, Chennai

Green Buildings and Certifications

001
28
Dr. S. Babu
Associate Professor, Dept of
Mechanical Engg, PSG College
of Technology, Coimbatore

Thermal and electrical energy harnessing
from solar and their applications

001
29
Er. Prince Manova
OEHs Specialist, MBCC Group,
United Arab Emirates

Environmental Health and Safety

001
29
Mr. M. Muthukumar
Head of Engineering &
Instrumentation Division
SITRA, Coimbatore



ERODE - 638 052

Date:



NANDHA ENGINEERING COLLEGE.ERODE-638052

Requisition for attending Conference/FDP/STTP/WORKSHOP/SEMINAR

Name Dr. M. Dhanaraj Designation : AP/ASP/Prof/N.T/OTHERS

Dept Agriculture Engineering Date of Joining:

0	6	1	2	2	1
---	---	---	---	---	---

Permission requested for:

Conference National International FDP STTP Workshop Seminar

Duration: From

2	5	1	0	2	1
---	---	---	---	---	---

 To:

2	9	1	0	2	1
---	---	---	---	---	---

 No. of days:

0	5
---	---

Institution/Organization: ACTE Training and Learning Academy

Presenting paper in the Conference : Yes No

Title of the Paper _____

Authors: 1 _____ 2 _____ 3 _____

Institution : (_____) (_____) (_____)

Conference /FDP/STTP/Workshop/Seminar on subject: Future trends in Green Energy Technologies for Sustainable Development

No. of programs attended so far from the Date of joining in Nandha :

Conference FDP STTP Workshop Seminar

No. of programs attended in the current Academic Year :

Conference FDP STTP Workshop Seminar

Registration Fees : RS _____

TA/DA : RS. _____

Date : 24/10/21

Dr. M. Dhanaraj
Signature

Recommended / ~~Not Recommended~~

Dr. M. Dhanaraj
HOD / DEAN

Dr. N. Rengarajan
PRINCIPAL

Dr. N. Rengarajan, B.Sc., B.Tech., M.E., Ph.D.
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 052.

Note: 1) Enclose _____ of communication from the Organizers.

2) _____ the details _____ wherever applicable

3) _____ must be submitted for having attended the program

4) Enclose _____ Copy of the _____ (if available)



Zoom <no-reply@zoom.us>
to me

Fri, Oct

zoom

Hello Dhananivetha M,

Thank you for registering for TNAU- AICTE - ATAL FDP on Future Trends in Green Energy Technologies for Sustainable Development between 25-10-2021 and 29-10-2021. You can find information about this meeting below.

TNAU- AICTE - ATAL FDP on Future Trends in Green Energy Technologies for Sustainable Development between 25-10-2021 and 29-10-2021

Date & Time	Oct 29, 2021 09:00 AM India
Meeting ID	879 7619 5149
Passcode	641003

Please submit any questions to: kss@tnau.ac.in.

You can cancel your registration at any time.




Dr.N.Rengarajan, B.Sc., R Tech., M.E., Ph.D.,
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 052.

No: ATAL/2021/1634982942



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that Dhananivetha M, Assistant Professor of NANDHA engineering College participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on " FUTURE TRENDS IN GREEN ENERGY TECHNOLOGIES FOR SUSTAINABLE DEVELOPMENT" from 25/10/2021 to 29/10/2021 at Agricultural Engineering College and Research Institute.

Advisor-I, ATAL Academy
Mamta Rani Agarwal



Coordinator



Dr.N.Rengarajan, B.Sc., B.Tech., M.E., Ph.D.,
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 052.

21 Days National Training Course (NTC)

On
Entrepreneurship Strategies in Agriculture, Horticulture,
Animal Husbandry & Allied Sectors for
Economic Development of India

Venue: By virtual mode (Zoom Video Conferencing App)

Revised Brochure

01- 21 Decebmer, 2021

Organized by



Directorate of Extension Education
Uttar Banga Krishi Vishwavidyalaya, Pundibari,
West Bengal, India
(www.ubkv.ac.in)



Agro Environmental Development
Society (AEDS), Majhra Ghat, Rampur, Indi.
(www.aedsi.org)

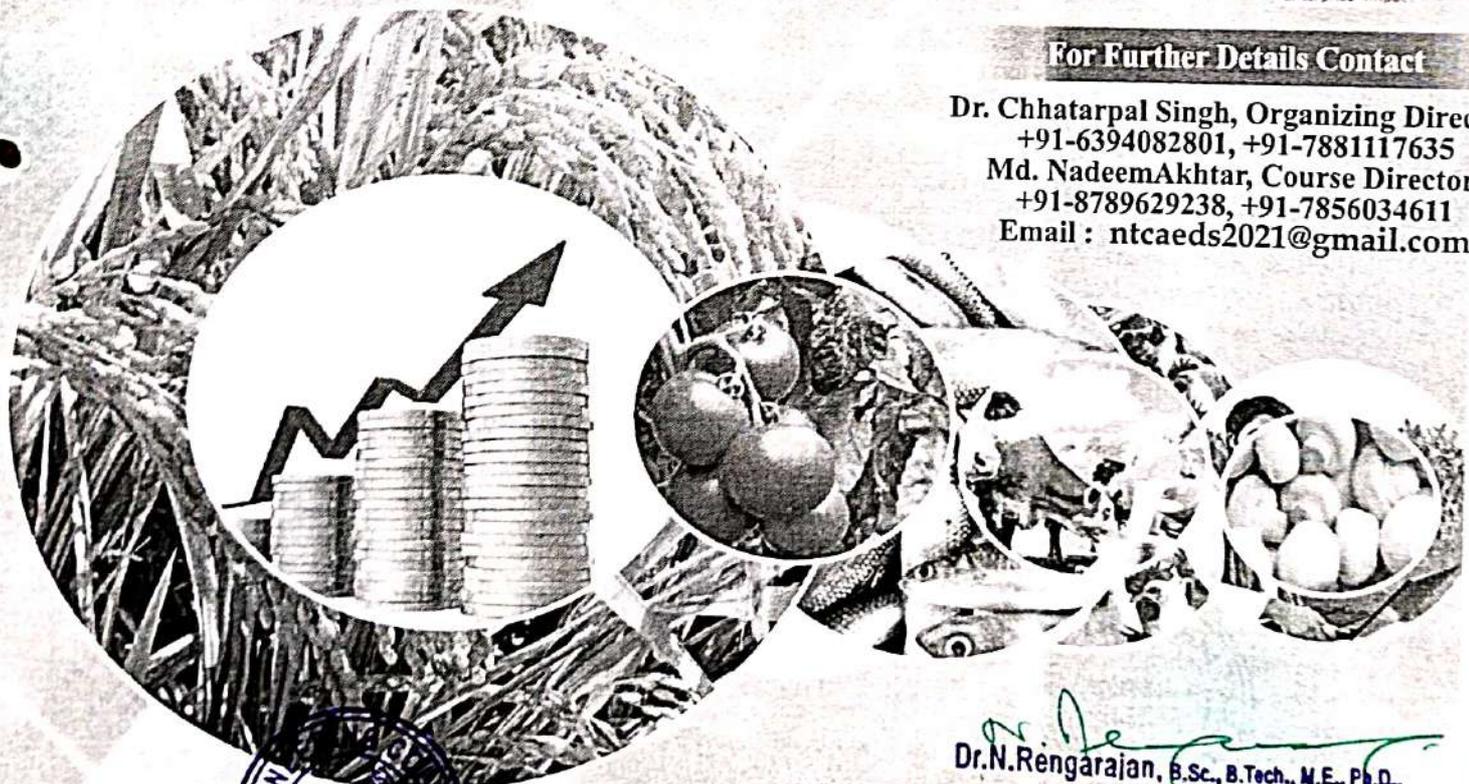
Our Supporters

LABS
Indigram
Enterprise & Impact

ISAP
Enterprise & Impact

For Further Details Contact

Dr. Chhatarpal Singh, Organizing Direc
+91-6394082801, +91-7881117635
Md. Nadeem Akhtar, Course Director
+91-8789629238, +91-7856034611
Email : ntcaeds2021@gmail.com



Dr. N. Rengarajan
Dr. N. Rengarajan, B.Sc., B.Tech., M.E., Ph.D.,
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 052.

Registration Link For 21 Days National Training Course (NTC): <https://aeusreg.auctechnical.edu.in>

Themes Area of the Course:

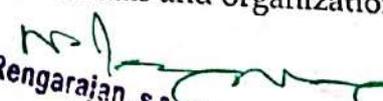
1. Livelihood security in Agriculture and Allied sectors
2. Technology transfer for doubling farmer's income
3. Role of Krishi Vigyan Kendra for doubling farmers income
4. Sustainable Development through Sericulture
5. Opportunities of Entrepreneurship in Horticulture and Allied Fields
6. Advances in Animal Husbandry and Allied fields
7. Livelihood Security with Dairy Farming
8. Emerging employment in Fisheries Sector for Sustainable Development

Directorate of Extension Education, Uttar Banga Krishi Vishwavidyalaya, West Bengal

Directorate of Extension Education is the application window of the of Uttar Banga Krishi Viswavidyalaya (UBKV), the Directorate is undertaking various extension activities through different Krishi Vigyan Kendras (KVKs) under its supervision and control. Different new technological innovations and flagship programmes are undertaken by these KVKs to improve the livelihood of the farmers and other marginal populations of North Bengal through the Directorate. Uttar Banga Krishi Viswavidyalaya with full support of ICAR is running five KVKs for the districts of Cooch Behar, Darjeeling, Dakshin Dinajpur, Uttar Dinajpur and Malda. These five KVKs one each for the northern districts of West Bengal under the jurisdiction of the university have been engaged in transfer of technologies for boosting up the present productivity level of food grains and other commercial crops/livestocks as well as improve and sustain the contribution of agriculture to GDP, continuous efforts to take newer and tested technologies to the farming communities of the northern part of West Bengal.

The Uttar Banga Krishi Viswavidyalaya with its headquarter at Pundibari (Coochbehar) started functioning on and from 1st February, 2001 for the development of agriculture and for the furtherance of the advancement of agricultural education, prosecution of agricultural research and extension in the eight northern districts of West Bengal. The University took birth through bifurcation from the Bidhan Chandra Krishi Viswavidyalaya. The University has three degree programmes covering Agriculture, Horticulture and Agricultural Engineering disciplines along with the post graduate programmes in every discipline of Agriculture and Horticulture Faculties. The implementation of IVth Deans' Committee Recommendation in case of rules, regulations and syllabi in UG & PG is overwhelming and praiseworthy. The Vth Deans' Committee Recommendation for degree courses has been started from the academic year 2016-17. The University is fostering collaboration with Indian and foreign individuals and organizations for the purposes of teaching and research prospects.




Dr. N. Rengarajan, B.Sc., B.Tech., M.E., Ph.D.
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 052.

'Developing Agri-Entrepreneurship through Farming Systems Approach' as the new mission. The various topics related to entrepreneurship development like certification of good quality of seed/planting materials, hi-tech nursery, biofertilizer production, export promotion of spices and horticulture crop, organic cultivation of fruits, IFS model development for more profitability, etc., will be discussed during the programme. Within this complex background, this national training course will facilitate and provide professional, skill based and job oriented opportunities, cum awareness programme to the scientists, teachers and students of agriculture, horticulture, animal husbandry, fisheries and allied sectors so that they may be able to prepare and manage result oriented research projects, self-employment and entrepreneurship in their respective fields.

Participants Eligibility:

National Training Course is open for all the Students, Research Scholar, Scientists, Teachers, Growers, Product Manufactures and Marketing Personals.

How to Apply or Register:

After payment (via net banking/ online/ bank app/ mobile app) participants may submit their online registration form along with payment slip/screenshot through <https://aedsireg.auctech.in/#/mainpage>

Instructions for filling online registration form through www.aedsi.org

1. Candidates should fill all fields as described in registration form.
2. Candidates need to upload a passport size Photo & Signature on the form. Make sure the photograph & Signature is less than 100KB & 40 KB respectively.
3. Participants may complete their payment via net banking/ online/ bank app/ branch/ mobile app etc. and after submitting registration form no hard/soft copy is required to submit AEDS Society.
4. Further Detailed Instructions are on the website registration page i.e. www.aedsi.org
5. In case of any query, candidates should write an email to ntcaeds2021@gmail.com or contact on +91-6394082801 & +91-7881117635

Registration Fee Details

Categories	Registration Fee (INR)
Students (UG & PG)	2000
Ph.D. Scholar, JRF & SRF	2500
Scientist, Faculty, Professionals, RA & PDF	3500
Private Organization, Industries etc.	5000

Note: Registration Fee is Non Refundable/Non-Transferable. For further queries/assistance, please contact to Organizing Director, Dr. Chhatarpal Singh, E-mail: ntcaeds2021@gmail.com
Mob: +91-6394082801 & +91-7881117635.



Dr. N. Rengarajan, B.Sc., B.Tech., M.E., Ph.D.,
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 052.

Agro Environmental Development Society (AEDS) Majhra Ghat, Rampur, U.P., India

The Agro Environmental Development Society (AEDS) is a scientific organization registered under the Societies Registration Act 21, 1860. The prime objective of the organization is to promote the scientific awareness and sustainable development of agriculture, environment and biological sciences for the welfare of human being. The society is also committed to explore the scientific development across the world and has taken initiative to provide a platform to the scientists, researcher, policy makers and scholars to solve and discuss various issues relating to agricultural and environmental development. AEDS had organized first international conference at Sam Higginbottom University of Agriculture, Technology and Sciences, Allahabad, Uttar Pradesh, India in association with Pondicherry Institute of Agricultural Sciences (PIAS), Pondicherry and Centre for Environment & Agricultural Development (CEAD), Pondicherry on November 27-29, 2018 and became a great success with an impressive turnout of around 600 participants from all around the country along with the foreign delegates. The 2nd International Conference was held at Dr. Y.S. Parmar University of Horticulture and Forestry, Solan, Himachal Pradesh on September 27-29, 2019. On this occasion, nearly 800 participants (Scientists, Academicians, Industries Person and Students) were participated from India and abroad to discuss their views on the diverse field of Agriculture, Environment and Biological Sciences. AEDS organized first International Web-conference on June 21-22, 2020, via Jitsi Meet Video Conference App in collaboration with B.B Ambedkar Central University, Lucknow, Plant Pathology, Research Institute, Agricultural Research, Center, Cairo University ST., Giza, Egypt and Departamento de BiologiaMoleculaBiotechnologia, Universidad NacionalAutonomade Mexico in the field of Agriculture and Allied Sciences for encouraging young researcher and students during the pandemicsituation of COVID-19.

About the 21 Days National Training Course (NTC)

Sustainable entrepreneurship and market linkages are terms that are being used of tenly when talking about agriculture, horticulture, animal husbandry and allied sectors. The challenges associated with agriculture sustainability make it essential to bring together the disciplines of the agricultural, horticulture, animal husbandry and allied sectors to address the challenges for sustainable entrepreneurship & livelihood security. The broad scope of sustainable development suggests virtually any social, economic or environmental process or challenge amenable to scientific understanding may potentially be relevant. Emergence, meanwhile, could signify the novelty or intensification of some of those issues, fresh understanding of their causes or consequences, the development of new management options, or the identification of issues that have gone previously unrecognized. Agricultural entrepreneurship is the need of the hour because at present our economic boost mainly consists of entrepreneurships in many sectors and our farmers are in great use in assistance the entrepreneurs. An entrepreneurship is any business in the agricultural industry which includes production of food, fiber, the environment and the natural resources. Agriculture productivity can be enhanced when optimum technological research and development is used in manufacturing using the increasing quantity of agricultural products for exporting to foreign countries as well as with in the country. It can bring our agriculture sector in to limelight. Skilled manpower can be used in agricultural sector only when entrepreneurs train the farmers efficiently for bringing greater output. Agriculture has seen a phase since the entry of entrepreneurs. The way forward is considered to be



Dr. N. Rengarajan, B.Sc., B.Tech., M.E., Ph.D.,
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 052.

Mode of Payment & Account

Name of Account	Agro Environmental Development Society
Name of the Bank	State Bank of India
Bank Address	SBI, Saifni Shahabad, Bilari Road, Saifni, Rampur-244922, UP
Type of Account	Saving
Account Number	37836254237
IFSC Code	SBIN0018205

Important Dates

Last Date of Registration	November 29, 2021
Commencement of Training Course	December 01, 2021

***Note:**

1. Hard copy of 21 days training certificate will be send to correspondence address of all the registered participants by Indian Speed Post.
2. All the lectures (Power point Presentations) will be shared with the participants.
3. A Manual eBook comprising all the lectures will be also shared with the participants.

Mode of Training:

The training will be organized in 4 quadrants i.e.

1. Two lecture per day through video conference.
2. Preparing delivered material that can be downloaded /printed.
3. Self-assessment tests through classroom assignment/tests/quizzes.
4. An online discussion forum for clearing the doubts.

The above cited steps have to be taken to enrich the learning experience by using audio-video and multi-media state of art pedagogy/technology. In order to ensure that best quality content lecture is delivered course director and his coordinators will monitor the whole training course.




Dr. N. Rengarajan, B.Sc., B.Tech., M.E., Ph.D.,
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 052.

Online Registration Link for 21 Days National Training Course (NTC): <https://aeusireg.auctech.in/#/nainpa>

Chief Patron

Dr. Swarup Kumar Chakrabarti, Hon'ble Vice-Chancellor, Uttar Banga Krishi Vishwavidyalaya, Pundibari, West Bengal, India

Patrons

Prof. Ashok Choudhury, Director of Research, UBKV, West Bengal, India

Prof. Dibyendu Mukhopadhyay, Dean, Faculty of Agriculture, UBKV, West Bengal, India

Prof. Prodyut Kr. Paul, Dean, Faculty of Horticulture, UBKV, Pundibari, West Bengal, India

Dr. Sudhir Singh Bhadauria, Nodal Officer, Agribusiness Incubation Centre, Rajmata Vijayaraje Scindia Krishi Vishwa Vidyalaya, Gwalior.

Dr. B. N. Hazarika, Dean, College of Horticulture and Forestry, Central Agricultural University Pasighat-Arunachal Pradesh

Organizing Chairman

Prof. Prabhat Kumar Pal, Director of Extension Education, UBKV, West Bengal, India

Organizing Director

Dr. Chhatarpal Singh, President, AEDS, U.P. (INDIA)

Course Director

Md. Nadeem Akhtar, BAU, Sabour, Bhagalpur, Bihar

Course Coordinators

Dr. N. Sakthivel, Scientist -D, Regional Sericultural Research Station, Central Silk Board Gov. India, Salem, Tamil Nadu

Dr. Saikat Mookherjee, Dy. Director of Extension Education, UBKV, West Bengal

Dr. Gireesh Chand, Professor (Plant Pathology), CAU, Imphal

Dr. Amit Singh Charak, Sr. Scientist, KVK, Doda, SKUAST, Jammu, Jammu & Kashmir

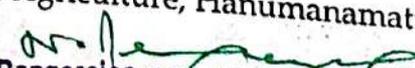
Dr. G N Jha, KVK, Doda, SKUAST, Jammu, Jammu & Kashmir

Course Conveners

Dr. Nilay Kumar, College of Horticulture & Forestry, Pasighat, Central Agricultural University, Imphal, Arunachal Pradesh

Dr. Bikash Roy, Sr. Scientist & Head, Cooch Behar KVK, UBKV, West Bengal

Dr. K.B. Yadahalli, Plant Pathology, College of Agriculture, Hanumanamatti, UAS, Dharwad


Dr. N. Rengarajan, B.Sc., B.Tech., M.E., Ph.D.,

PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)

ERODE - 638 052.



- Dr. V David Chella Baskar, RLB Central Agricultural University, Jhansi, U.P
Dr. Anjum Ahmad, BTC College of Agriculture & Research Station, Chhattisgarh
Dr. G. Mariappan Agriculture Officer, (Extension) IAEC, Uthukuli, Tiruppur-TN
Dr. Neerja Rana, Associate Professor, Department of Basic Sciences, Dr. YS Parmar University,
Nauni Solan, HP
Dr. Pinky Kaur, Department of Zoology and Applied Aquaculture, Barkatullah University,
Bhopal, MP

Course Co-Conveners

- Dr. Sabita Mandal, Assistant Professor, UBKV, West Bengal
Dr. Deepa Roy, Assistant Professor, UBKV, West Bengal
Dr. Victor Phani, Assistant Professor, UBKV, West Bengal
Dr. Md. Minnatullah, SRI, RPCAU, Pusa, Samastipur, Bihar
Dr. Shiva Pujan Singh, SRI, RPCAU, Pusa, Samastipur, Bihar
Dr. Khursheed Alam Khan, RVSKVV - College of Horticulture, Mandasaur
Dr. Joginder Singh, Dept. of Horticulture, JV College, Baraut, U.P.
Dr. Vikas Sharma, Division of Biochemistry, SKUAST of Jammu, J &K
Dr. Meraj Ahmad, Lovely Professional University, Punjab
Dr. Sanjay Kumar, Asst. Professor, BAU, Sabour
Dr. Mukul Kumar, MBAC, Agwanpur, Saharsa, Bihar
Dr. Wasim Hassan Raja, Scientist, ICAR-ITH, Srinagar
Dr. Sajad Un Nabi, Scientist, ICAR-ITH, Srinagar
Dr. Narendra Paul, SKUAST, Jammu, Jammu & Kashmir
Dr. Chandrakant G. Sawant, MTTC & VTC, Selesih, Aizawl, CAU, Imphal
Dr. Sweta Soni, Banda University, Agri. Technol. Banda, U.P.
Mr. Uttam Kumar Tripathi (AE) DRI, KVK, SATNA (M.P.)
Dr. Shashank Tiwari, DM, BBA University, Lucknow, U.P.
Dr. Radha, Shoolini University, Solan, H.P
Dr. Rahul Dev, ICAR-Central Arid Zone Research Institute Bhuj, Gujarat
Dr. Amit Kumar Khokher, Division of Fruit Science, SKUAST-K, Srinagar, J &K
Dr. Sona Dubey, Assistant Professor, College of Fishery Science, NDVSU, Jabalpur
Dr. Meenakshi Arya, Scientist (Plant Pathology) Rani Lakshmi Bai Central Agricultural University,
Jhansi
Dr. Shailaja Punetha, Scientist-C, GBPHIHE, Kosi, Katarmal, Almora, Uttarakhand

Organizing Committee

- Dr. Bimal Das, Assistant Professor, UBKV, West Bengal
Dr. Biswajit Goswami, SMS, Dakshin Dinajpur KVK, UBKV, West Bengal




Dr. N. Rengarajan, B.Sc., B.Tech., M.E., Ph.D.,
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 052.

- Dr. Dhananjay Mondal, SMS, Uttar-Dinajpur KVK, UBKV, West Bengal
Mr. Litan Das, Assistant Professor, UBKV, West Bengal
Dr. Ashutosh Yadav, EM, IITR, Lucknow, U.P.
Dr. Immad A Shah, SKUAST of Kashmir, J & K, India
Ram Babu Sharma, Krishi Vigyan Kendra, Dr. RPCAU, Pusa, Samastipur, Bihar
Dr. Mani Bhushan Thakur, Dept. of Plant Pathology, VKS, College of Agriculture, Dumraon, Buxar
Dr. Amrendra Kumar, Agronomy, TCA, Dholi, RPCAU, Pusa, Bihar
Ms. Shipra Kumari, RPCAU, Pusa, Bihar
Er. Sanjay kumar Nirala, RPCAU, Pusa, Bihar
Er. Meera Kumari, TCA, DHOLI, RPCAU, Pusa, Bihar
Dr. Deepika Baranwal, DHS, Arya Mahila PG College, Varanasi, U.P.
Dr. Wineet Chawla, Department of Agriculture, BFC, Punjab
Dr. Gulshan Kumar Sharma, NBSSLUP, RC, Jorhat, Assam
Dr. Prince, Department of Horticulture, CCS HAU, Hisar, Haryana
Mr. Rakesh Kumar, Executive Member, AEDS, Rampur, U.P.
Dr. Manju Lata MLSM, College, Sunder Nagar, Himachal Pradesh
Dr. R. Vinoth (PB & G) IOA (TNAU) Trichy

Advisory Committee

- Dr. Jay Shankar Singh, Babasaheb Bhimrao Ambedkar University, Lucknow
Dr. Sanjay Kumar Jha, Tribhuvan University, Kathmandu
Dr. Vishal M. Balaramnavar, Professor & Dean SP, Sanskriti University, Mathura, Uttar Pradesh, India
Dr. Gireesh Chand, Professor (Plant Pathology), CAU, Imphal
Dr. Sajeed Ali, Uttar Banga Krishi Vishwavidyalaya, West Bengal

Our Supporters



For Further Details Contact

Dr. Chhatarpal Singh, Organizing Director: +91-6394082801, +91-7881117635
Mr. Nadeem Akhtar, Course Director: +91-8789629238, +91-7856034611



Date: 29/11/21



NANDHA ENGINEERING COLLEGE.ERODE-638052

Requisition for attending Conference/FDP/STTP/WORKSHOP/SEMINAR

Name Dr. N. Dharmarivetha Designation : AP/ASP/Prof/N.T/OTHERS

Dept Agriculture Engineering Date of Joining: 06/12/21

Permission requested for:

Conference National International FDP STTP Workshop Seminar

Duration: From 01/12/21 To: 21/12/21 No. of days: 21

Institution/Organization: AEDS, Majhira Ghat, Pampul (U.P)
& Directorate of Extension Education
West Bengal, India

Presenting paper in the Conference : Yes No

Title of the Paper _____

Authors: 1 _____ 2 _____ 3 _____

Institution : (_____) (_____)

Conference /FDP/STTP/Workshop/Seminar on subject: Entrepreneurship
Stratergies in Agriculture, Horticulture, Animal husbandry
& Allied Economic development of India

No. of programs attended so far from the Date of joining in Nandha:

Conference FDP STTP Workshop Seminar

No. of programs attended in the current Academic Year :

Conference FDP STTP Workshop Seminar

Registration Fees : RS 2500/-

TA/DA : Rs. _____

Date: 29/11/21

Dr. N. Dharmarivetha
Signature

Recommended / Not Recommended

Dr. N. Dharmarivetha
HOD/BEAN

Dr. N. Rengaraian
PRINCIPAL

Dr. N. Rengaraian, B.Sc., B.Tech., M.E., Ph.D.
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 052.

Note: 1) Enclose copy of communication from the Organizers.

2) Fill up wherever applicable

3) _____ must be submitted for having attended the program

4) _____ per (if available)



**"National Training Course (NTC)"
on Entrepreneurship Strategies in Agriculture, Horticulture, Animal Husbandry
& Allied Sectors for Economic Development of India"**

December 01-21, 2021

Venue: By Virtual Mode (Zoom video conferencing App)

Registration form

Name (Mr. Ms. Mrs. Dr. Prof):	M. DHANANIVETHA
Designation:	Associate Professor
Specialization	Agronomy
Complete Address of Department and Institution with Pin Code	Department of Agriculture Engineering / Nandha Engineering College, Erode-638012
Complete Home Address with Pin Code:	"
E-mail:	dhananivetha.bala@nandhaengg.org
Calling Number:	9095845257
Whatsapp Number:	9095845257
Gender:	Female
Date of Birth	11.09.1989
Category of Participation: Only Participation/Poster Presentation/ Oral Presentation/ Lead /Invited Lecture	
Fee Details	3500/-
NEFT/ Net Banking/ Online Ref. No.....	
Date.....Conference Registration Fee (Rs.).....Society Contribution Fee (Rs.).....	
Publication Fee :	
Total Amount (Rs.).....	3500/-
Date: ...	29/11/21
Place: Erode	
Signature of Applicant:	M. Dhananivetha
Note: Kindly send the duly filled MS-Word file of registration form (MS Word file of registration form may download from the website: www.aedsi.org) along with the fee details via- mail to: aedsi2020@gmail.com	



Dr.N.Rengarajan, B.Sc., B.Tech., M.E., Ph.D.,
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 052.

Jointly Organized by

Registration No. : 1407/2021



Directorate of Extension Education
Uttar Banga Krishi Vishwavidyalaya, Pundibari,
West Bengal, India



Agro Environmental Development Society (AEDS)
Majhra Ghat, Rampur, U.P. (India)
Registered Under the Societies Registration Act 21, 1960
Registered Under the Niti Aayog, Govt. of India

21 Days National Training Course

On

Entrepreneurship Strategies in Agriculture, Horticulture, Animal
Husbandry & Allied Sectors for Economic Development of India

December 01-21, 2021

Certificate

This is to certify that Dr. M. Dhananivetha, Assistant Professor, Department of Agriculture Engineering, Nandha Engineering College, Erode has participated in the 21 days National Training Course on "Entrepreneurship Strategies in Agriculture, Horticulture, Animal Husbandry & Allied Sectors for Economic Development of India", jointly organized by Directorate of Extension Education, Uttar Banga Krishi Vishwavidyalaya, Pundibari, West Bengal, India and Agro Environmental Development Society (AEDS), Majhra Ghat, Rampur, U.P. (India), held on December 01-21, 2021, via virtual mode.



Dr. N. Rengarajan, B.Sc., B.Tech., M.E., Ph.D.,
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 052.

Dr. Prabhat Kumar Pal
Director of Extension Education
UBKV, Pundibari, West Bengal
India & Organizing Chairman
National Training Course

Dr. Chhatarpal Singh
President, Agro Environmental
Development Society (AEDS)
Majhra Ghat, Rampur, U.P. (India)
& Organizing Director
National Training Course

Md. Nadeem Akhtar
Scientist, Bihar Agriculture
University, Sabour, Bhagalpur, Bihar
& Course Director
National Training Course

21 Days National Training Course (NTC)

On

Entrepreneurship Strategies in Agriculture, Horticulture, Animal Husbandry & Allied Sectors for Economic Development of India

Venue: By virtual mode (Zoom Video Conferencing App)

Revised Brochure

01- 21 Decebmer, 2021

Organized by



Directorate of Extension Education
Uttar Banga Krishi Vishwavidyalaya, Pundibari,
West Bengal, India
(www.ubkv.ac.in)



Agro Environmental Development
Society (AEDS), Majhra Ghat, Rampur, Ir
(www.aedsi.org)

Our Supporters



For Further Details Contact

Dr. Chhatarpal Singh, Organizing Di
+91-6394082801, +91-788111763
Md. Nadeem Akhtar, Course Direc
+91-8789629238, +91-78560346
Email : ntcaeds2021@gmail.com


Dr. N. Rengarajan, B.Sc., B.Tech., M.E., Ph.D.,
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 052.

Themes Area of the Course:

1. Livelihood security in Agriculture and Allied sectors
2. Technology transfer for doubling farmer's income
3. Role of Krishi Vigyan Kendra for doubling farmers income
4. Sustainable Development through Sericulture
5. Opportunities of Entrepreneurship in Horticulture and Allied Fields
6. Advances in Animal Husbandry and Allied fields
7. Livelihood Security with Dairy Farming
8. Emerging employment in Fisheries Sector for Sustainable Development

Directorate of Extension Education, Uttar Banga Krishi Vishwavidyalaya, West Bengal

Directorate of Extension Education is the application window of the of Uttar Banga Krishi Vishwavidyalaya (UBKV), the Directorate is undertaking various extension activities through different Krishi Vigyan Kendras (KVKs) under its supervision and control. Different new technological innovations and flagship programmes are undertaken by these KVKs to improve the livelihood of the farmers and other marginal populations of North Bengal through the Directorate. Uttar Banga Krishi Vishwavidyalaya with full support of ICAR is running five KVKs for the districts of Cooch Behar, Darjeeling, Dakshin Dinajpur, Uttar Dinajpur and Malda. These five KVKs one each for the northern districts of West Bengal under the jurisdiction of the university have been engaged in transfer of technologies for boosting up the present productivity level of food grains and other commercial crops/livestocks as well as improve and sustain the contribution of agriculture to GDP, continuous efforts to take newer and tested technologies to the farming communities of the northern part of West Bengal.

The Uttar Banga Krishi Vishwavidyalaya with its headquarter at Pundibari (Coochbehar) started functioning on and from 1st February, 2001 for the development of agriculture and for the furtherance of the advancement of agricultural education, prosecution of agricultural research and extension in the eight northern districts of West Bengal. The University took birth through bifurcation from the Bidhan Chandra Krishi Vishwavidyalaya. The University has three degree programmes covering Agriculture, Horticulture and Agricultural Engineering disciplines along with the post graduate programmes in every discipline of Agriculture and Horticulture Faculties. The implementation of IVth Deans' Committee Recommendation in case of rules, regulations and syllabi in UG & PG is overwhelming and praiseworthy. The Vth Deans' Committee Recommendation for degree courses has been started from the academic year 2016-17. The University is fostering collaboration with Indian and foreign individuals and organizations for the purposes of better teaching and research prospects.




Dr. N. Rengarajan, B.Sc., B.Tech., M.E., Ph.D.
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 002.

'Developing Agri-Entrepreneurship through Farming Systems Approach' as the new mission. The various topics related to entrepreneurship development like certification of good quality seed/planting materials, hi-tech nursery, biofertilizer production, export promotion of spices at horticulture crop, organic cultivation of fruits, IFS model development for more profitability, etc., will be discussed during the programme. Within this complex background, this national training course will facilitate and provide professional, skill based and job oriented opportunities, cum awareness programme to the scientists, teachers and students of agriculture, horticulture, animal husbandry, fisheries and allied sectors so that they may be able to prepare and manage result oriented research projects, self-employment and entrepreneurship in their respective fields.

Participants Eligibility:

National Training Course is open for all the Students, Research Scholar, Scientists, Teachers, Grower, Product Manufacturers and Marketing Personals.

How to Apply or Register:

After payment (via net banking/ online/ bank app/ mobile app) participants may submit their online registration form along with payment slip/screenshot through <https://aedsireg.auctech.in/#/mainpage>

Instructions for filling online registration form through www.aedsi.org

1. Candidates should fill all fields as described in registration form.
2. Candidates need to upload a passport size Photo & Signature on the form. Make sure the photograph & Signature is less than 100KB & 40 KB respectively.
3. Participants may complete their payment via net banking/ online/ bank app/ branch/ mobile app etc. and after submitting registration form no hard/soft copy is required to submit AEDS Society.
4. Further Detailed Instructions are on the website registration page i.e. www.aedsi.org
5. In case of any query, candidates should write an email to ntcaeds2021@gmail.com or contact on +91-6394082801 & +91-7881117635

Registration Fee Details

Categories	Registration Fee (INR)
Students (UG & PG)	2000
Ph.D. Scholar, JRF & SRF	2500
Scientist, Faculty, Professionals, RA & PDF	3500
Private Organization, Industries etc.	5000

Note: Registration Fee is Non Refundable/Non-Transferable. For further queries/assistance, please contact to Organizing Director, Dr. Chhatarpal Singh, E-mail: ntcaeds2021@gmail.com Mob: +91-6394082801 & +91-7881117635.



Dr. N. Rengarajan, B.Sc., B.Tech., M.E., Ph.D.,
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 062.

Agro-Environmental Development Society (AEEDS) Majhra Ghat, Rampur, U.P., India

The Agro Environmental Development Society (AEEDS) is a scientific organization registered under the Societies Registration Act 21, 1860. The prime objective of the organization is to promote the scientific awareness and sustainable development of agriculture, environment and biological sciences for the welfare of human being. The society is also committed to explore the scientific development across the world and has taken initiative to provide a platform to the scientists, researcher, policy makers and scholars to solve and discuss various issues relating to agricultural and environmental development. AEEDS had organized first international conference at Sam Higginbottom University of Agriculture, Technology and Sciences, Allahabad, Uttar Pradesh, India in association with Pondicherry Institute of Agricultural Sciences (PIAS), Pondicherry and Centre for Environment & Agricultural Development (CEAD), Pondicherry on November 27-29, 2018 and became a great success with an impressive turnout of around 600 participants from all around the country along with the foreign delegates. The 2nd International Conference was held at Dr. Y.S. Parmar University of Horticulture and Forestry, Solan Himachal Pradesh on September 27-29, 2019. On this occasion, nearly 800 participants (Scientists, Academicians, Industries Person and Students) were participated from India and abroad to discuss their views on the diverse field of Agriculture, Environment and Biological Sciences. AEEDS also organized first International Web-conference on June 21-22, 2020, via Jitsi Meet Video Conference App in collaboration with B.B Ambedkar Central University, Lucknow, Plant Pathology, Research Institute, Agricultural Research, Center, Cairo University ST., Giza, Egypt and Departamento de Biología Molecular y Biotecnología, Universidad Nacional Autónoma de México in the field of Agriculture and Allied Sciences for encouraging young researcher and students during the pandemic situation of COVID-19.

About the 21 Days National Training Course (NTC)

Sustainable entrepreneurship and market linkages are terms that are being used of tenly when talking about agriculture, horticulture, animal husbandry and allied sectors. The challenges associated with agriculture sustainability make it essential to bring together the disciplines of the agriculture, horticulture, animal husbandry and allied sectors to address the challenges for sustainable entrepreneurship & livelihood security. The broad scope of sustainable development suggests that virtually any social, economic or environmental process or challenge amenable to scientific understanding may potentially be relevant. Emergence, meanwhile, could signify the novelty or intensification of some of those issues, fresh understanding of their causes or consequences, the development of new management options, or the identification of issues that have gone previously unrecognized. Agricultural entrepreneurship is the need of the hour because at present our economic boost mainly consists of entrepreneurships in many sectors and our farmers are in great use in assistance the entrepreneurs. An entrepreneurship is any business in the agricultural industry which includes production of food, fiber, the environment and the natural resources. Agriculture productivity can be enhanced when optimum technological research and development is used in manufacturing using the increasing quantity of agricultural products for exporting to foreign countries as well as within the country. It can bring our agriculture sector in to limelight. Skilled manpower can be used in agricultural sector only when entrepreneurs train the farmers efficiently for bringing greater output. Agriculture is in a new phase since the entry of entrepreneurs. The way forward is considered to be



Dr. N. Rengarajan, B.Sc., B.Tech., M.E., Ph.D.
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 052.

Mode of Payment & Account

Name of Account	Agro Environmental Development Society
Name of the Bank	State Bank of India
Bank Address	SBI, Saifni Shahabad, Bilari Road, Saifni, Rampur-244922, UP
Type of Account	Saving
Account Number	37836254237
IFSC Code	SBIN0018205

Important Dates

Last Date of Registration	November 29, 2021
Commencement of Training Course	December 01, 2021

***Note:**

1. Hard copy of 21 days training certificate will be send to correspondence address of all the registered participants by Indian Speed Post.
2. All the lectures (Power point Presentations) will be shared with the participants.
3. A Manual eBook comprising all the lectures will be also shared with the participants.

Mode of Training :

The training will be organized in 4 quadrants i.e.

1. Two lecture per day through video conference.
2. Preparing delivered material that can be downloaded /printed.
3. Self-assessment tests through classroom assignment/tests/quizzes.
4. An online discussion forum for clearing the doubts.

The above cited steps have to be taken to enrich the learning experience by using audio-video and multi-media state of art pedagogy/technology. In order to ensure that best quality content lecture is delivered course director and his coordinators will monitor the whole training course.



(Signature)
Dr.N.Rengarajan, B.Sc., B.Tech., M.E., Ph.D.,
 PRINCIPAL
NANDHA ENGINEERING COLLEGE
 (Autonomous)
 ERODE - 638 052.

Chief Patron

Dr. Swarup Kumar Chakrabarti, Hon'ble Vice-Chancellor, Uttar Banga Krishi Vishwavidyalaya, Pundibari, West Bengal, India

Patrons

Prof. Ashok Choudhury, Director of Research, UBKV, West Bengal, India

Prof. Dibyendu Mukhopadhyay, Dean, Faculty of Agriculture, UBKV, West Bengal, India

Prof. Prodyut Kr. Paul, Dean, Faculty of Horticulture, UBKV, Pundibari, West Bengal, India

Dr. Sudhir Singh Bhaduria, Nodal Officer, Agribusiness Incubation Centre, Rajmata Vijayaraje Scindia Krishi Vishwa Vidyalaya, Gwalior.

Dr. B. N. Hazarika, Dean, College of Horticulture and Forestry, Central Agricultural University Pasighat-Arunachal Pradesh

Organizing Chairman

Prof. Prabhat Kumar Pal, Director of Extension Education, UBKV, West Bengal, India

Organizing Director

Dr. Chhatarpal Singh, President, AEDS, U.P. (INDIA)

Course Director

Md. Nadeem Akhtar, BAU, Sabour, Bhagalpur, Bihar

Course Coordinators

Dr. N. Sakthivel, Scientist -D, Regional Sericultural Research Station, Central Silk Board Go India, Salem, Tamil Nadu

Dr. Saikat Mookherjee, Dy. Director of Extension Education, UBKV, West Bengal

Dr. Gireesh Chand, Professor (Plant Pathology), CAU, Imphal

Dr. Amit Singh Charak, Sr. Scientist, KVK, Doda, SKUAST, Jammu, Jammu & Kashmir

Dr. G N Jha, KVK, Doda, SKUAST, Jammu, Jammu & Kashmir

Course Conveners

Dr. Nilay Kumar, College of Horticulture & Forestry, Pasighat, Central Agricultural University, Imphal, Arunachal Pradesh

Dr. Bikash Roy, Sr. Scientist & Head, Cooch Behar KVK, UBKV, West Bengal

Dr. K.B. Yadahalli, Plant Pathology, College of Agriculture, Hanumanamatti, UAS, Dharwad

Dr. N. Rengarajan, B.Sc., B.Tech., M.E., Ph.D.

PRINCIPAL

NANDHA ENGINEERING COLLEGE
(Autonomous)

ERODE - 638 052.



- Dr. V David Chella Baskar, RLB Central Agricultural University, Jhansi, U.P
Dr. Anjum Ahmad, BTC College of Agriculture & Research Station, Chhattisgarh
Dr. G. Mariappan Agriculture Officer, (Extension) IAEC, Uthukuli, Tiruppur-TN
Dr. Neerja Rana, Associate Professor, Department of Basic Sciences, Dr. YS Parmar University
Nauni Solan, HP
Dr. Pinky Kaur, Department of Zoology and Applied Aquaculture, Barkatullah University,
Bhopal, MP

Course Co-Conveners

- Dr. Sabita Mandal, Assistant Professor, UBKV, West Bengal
Dr. Deepa Roy, Assistant Professor, UBKV, West Bengal
Dr. Victor Phani, Assistant Professor, UBKV, West Bengal
Dr. Md. Minnatullah, SRI, RPCAU, Pusa, Samastipur, Bihar
Dr. Shiva Pujan Singh, SRI, RPCAU, Pusa, Samastipur, Bihar
Dr. Khursheed Alam Khan, RVSKVV - College of Horticulture, Mandasaur
Dr. Joginder Singh, Dept. of Horticulture, JV College, Baraut, U.P.
Dr. Vikas Sharma, Division of Biochemistry, SKUAST of Jammu, J &K
Dr. Meraj Ahmad, Lovely Professional University, Punjab
Dr. Sanjay Kumar, Asst. Professor, BAU, Sabour
Dr. Mukul Kumar, MBAC, Agwanpur, Saharsa, Bihar
Dr. Wasim Hassan Raja, Scientist, ICAR-ITH, Srinagar
Dr. Sajad Un Nabi, Scientist, ICAR-ITH, Srinagar
Dr. Narendra Paul, SKUAST, Jammu, Jammu & Kashmir
Dr. Chandrakant G. Sawant, MTTC & VTC, Selesih, Aizawl, CAU, Imphal
Dr. Sweta Soni, Banda University, Agri. Technol. Banda, U.P.
Mr. Uttam Kumar Tripathi (AE) DRI, KVK, SATNA (M.P.)
Dr. Shashank Tiwari, DM, BBA University, Lucknow, U.P.
Dr. Radha, Shoolini University, Solan, H.P
Dr. Rahul Dev, ICAR-Central Arid Zone Research Institute Bhuj, Gujarat
Dr Amit Kumar Khokher, Division of Fruit Science, SKUAST-K, Srinagar, J &K
Dr. Sona Dubey, Assistant Professor, College of Fishery Science, NDVSU, Jabalpur
Dr. Meenakshi Arya, Scientist (Plant Pathology) Rani Lakshmi Bai Central Agricultural University,
Jhansi
Dr. Shailaja Punetha, Scientist-C, GBPHIHE, Kosi, Katarmal, Almora, Uttrakhand

Organizing Committee

- Dr. Bimal Das, Assistant Professor, UBKV, West Bengal
Dr. Biswajit Goswami, SMS, Dakshin Dinajpur KVK, UBKV, West Bengal



Dr. N. Rengarajan
Dr.N.Rengarajan, B.Sc., B.Tech., M.E., Ph.D.,
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 052.

Dr. Dhananjay Mondal, SMS, Uttar-Dinajpur KVK, UBKV, West Bengal

Mr. Litan Das, Assistant Professor, UBKV, West Bengal

Dr. Ashutosh Yadav, EM, IITR, Lucknow, U.P.

Dr. Immad A Shah, SKUAST of Kashmir, J & K, India

Ram Babu Sharma, Krishi Vigyan Kendra, Dr. RPCAU, Pusa, Samastipur, Bihar

Dr. Mani Bhushan Thakur, Dept. of Plant Pathology, VKS, College of Agriculture, Dumraon Buxar

Dr. Amrendra Kumar, Agronomy, TCA, Dholi, RPCAU, Pusa, Bihar

Ms. Shipra Kumari, RPCAU, Pusa, Bihar

Er. Sanjay kumar Nirala, RPCAU, Pusa, Bihar

Er. Meera Kumari, TCA, DHOLI, RPCAU, Pusa, Bihar

Dr. Deepika Baranwal, DHS, Arya Mahila PG College, Varanasi, U.P.

Dr. Wineet Chawla, Department of Agriculture, BFC, Punjab

Dr. Gulshan Kumar Sharma, NBSSLUP, RC, Jorhat, Assam

Dr. Prince, Department of Horticulture, CCS HAU, Hisar, Haryana

Mr. Rakesh Kumar, Executive Member, AEDS, Rampur, U.P.

Dr. Manju Lata MLSM, College, Sunder Nagar, Himachal Pradesh

Dr. R. Vinoth (PB & G) IOA (TNAU) Trichy

Advisory Committee

Dr. Jay Shankar Singh, Babasaheb Bhimrao Ambedkar University, Lucknow

Dr. Sanjay Kumar Jha, Tribhuvan University, Kathmandu

Dr. Vishal M. Balaramnavar, Professor & Dean SP, Sanskriti University,
Mathura, Uttar Pradesh, India

Dr. Gireesh Chand, Professor (Plant Pathology), CAU, Imphal

Dr. Sajeed Ali, Uttar Banga Krishi Vishwavidyalaya, West Bengal

Our Supporters

LABS 
Indigram
Enterprise4Impact

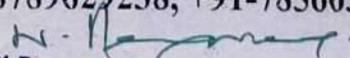
ISAP
Enterprise4Impact

For Further Details Contact

Dr. Chhatarpal Singh, Organizing Director: +91-6394082801, +91-7881117635

Nadeem Akhtar, Course Director: +91-8789629238, +91-7856034611




Dr. N. Rengarajan, B.Sc., B.Tech., M.E., Ph.D.,
PP. N. R. D. S.
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 052.

Date: 29/11/21



NANDHA ENGINEERING COLLEGE.ERODE-638052

Requisition for attending Conference/FDP/STTP/WORKSHOP/SEMINAR

Name Dr. S. VANITHA Designation : AP/ASP/Prof/N.T/OTHERS

Dept AGRI. ENGG Date of Joining: 310820

Permission requested for:

Conference National International FDP STTP Workshop Seminar

Duration: From 011221 To: 211221 No. of days: 21

Institution/Organization: NEC AFDS, Majha Hat, Pampu (U.P)
& Directorate of Extension Education,
West Bengal, India

Presenting paper in the Conference : Yes No

Title of the Paper _____

Authors: 1 _____ 2 _____ 3 _____

Institution : () () () ()

Conference /FDP/STTP/Workshop/Seminar on subject: Entrepreneurship strategies
in Agriculture, Horticulture, Animal husbandry & Allied Economic
development of India.

No. of programs attended so far from the Date of joining in Nandha: _____

Conference FDP STTP Workshop Seminar

No. of programs attended in the current Academic Year: _____

Conference FDP STTP Workshop Seminar

Registration Fees : RS 3500/-

TA/DA : RS. _____

Date: 29/11/21

Sr. R.
Signature

Recommended / Not Recommended

M. D. N. I. T.
HOD / DEAN

Dr. N. Rengaraian
PRINCIPAL

Dr. N. Rengaraian, B.Sc., B.Tech., M.E., Ph.D.,
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 052.

Note: 1) Enclose copy of communication from the Organizers.

2) _____ wherever applicable

Attendance certificate must be submitted for having attended the program
close copy of _____ paper (if available)

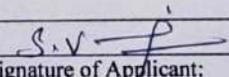


**"National Training Course (NTC)"
on Entrepreneurship Strategies in Agriculture, Horticulture, Animal Husbandry
& Allied Sectors for Economic Development of India"**

December 01-21, 2021

Venue: By Virtual Mode (Zoom video conferencing App)

Registration form

Name (Mr. Ms. Mrs. Dr./Prof):	S. VANITHA
Designation:	ASSOCIATE PROFESSOR
Specialization	LAND AND WATER MANAGEMENT ENGINEERING
Complete Address of Department and Institution with Pin Code :	DEPARTMENT OF AGRICULTURE ENGINEERING, NANDHA ENGINEERING COLLEGE
Complete Home Address with Pin Code:	169H, CHERANNAVAR, KANDIYAM
E-mail:	vanitha.vishalini@gmail.com
Calling Number:	9003687333
Whatsapp Number:	9003687333
Gender:	FEMALE
Date of Birth	: 10.02.1991
Category of Participation:	Only Participation/Poster Presentation/ Oral Presentation/ Lead /Invited Lecture
Fee Details	
NEFT/ Net Banking/ Online Ref. No.....	
Date.....Conference Registration Fee (Rs.).....Society Contribution Fee (Rs.).....	
Publication Fee :	
Total Amount (Rs.)..3500/-.....	
Date:	
Place:	Signature of Applicant: 
Note: Kindly send the duly filled MS-Word file of registration form (MS Word file of registration form may download from the website: www.aedsi.org) along with the fee details via- mail to: aedsi2020@gmail.com	




**Dr.N.Rengarajan, B.Sc., B.Tech., M.E., Ph.D.,
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 052.**

Jointly Organized by

Registration No. : 1431/2021



Directorate of Extension Education
Uttar Banga Krishi Vishwavidyalaya, Pundibari,
West Bengal, India



Agro Environmental Development Society (AEDS)
Majhra Ghat, Rampur, U.P. (India)
Registered Under the Societies Registration Act 21, 1960
Registered Under the Niti Aayog, Govt. of India

21 Days National Training Course On

Entrepreneurship Strategies in Agriculture, Horticulture, Animal Husbandry & Allied Sectors for Economic Development of India

December 01-21, 2021

Certificate

This is to certify that **Dr. S Vanitha, Associate Professor, Nandha Engineering College, Erode** has participated in the 21 days National Training Course on "**Entrepreneurship Strategies in Agriculture, Horticulture, Animal Husbandry & Allied Sectors for Economic Development of India**", jointly organized by Directorate of Extension Education, Uttar Banga Krishi Vishwavidyalaya, Pundibari, West Bengal, India and Agro Environmental Development Society (AEDS), Majhra Ghat, Rampur, U.P. (India), held on December 01-21, 2021, via virtual mode.

Dr. Prabhat Kumar Pal
Director of Extension Education
UBKV, Pundibari, West Bengal
India & Organizing Chairman
National Training Course

Dr. Chhatarpal Singh
President, Agro Environmental
Development Society (AEDS)
Majhra Ghat, Rampur, U.P. (India)
& Organizing Director
National Training Course

Md. Nadeem Akhtar
Scientist, Bihar Agriculture
University, Sabour, Bhagalpur, Bihar
& Course Director
National Training Course



Dr. N. Rengarajan, B.Sc., B.Tech., M.E., Ph.D.,
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 052.



Faculty Development Programme

On

Emerging Trends in Thermal Engineering

17th to 21st August 2021

SSIPMT, Raipur

Organized by

Department of Mechanical Engineering
Shri Shankaracharya Institute of Professional Management & Technology, Raipur
Address: Old Dhantari Road, Sejabahar, P.O.-Mujgahan, Raipur, Chhattisgarh 492015

No Registration Fee
Registration Link - [Click Here to Register](#)



About SSIPMT

SSIPMT Raipur is established to foster an understanding of technical and management education to harvest skilled engineers and efficient managers for society. The city of Raipur had lack of technical institutes, due to which students of the city were compelled to look beyond Raipur for technical education. We took it as a challenge and dared to start a technical institute in the city of Raipur. With the blessings of Jagadguru Shankaracharya Swami Swaroopnand Saraswati Ji Maharaj, things worked well and we were able to lay the foundation of Shri Shankaracharya Institute of Professional Management and Technology, Raipur with the mission of imparting quality technical education to the budding engineers and managers of Raipur. All this materialized within 10 glorious years.

Our commitment is to make every student of the institute ready to take professional stress skillfully without being subjected to anxiety issues. We develop an urge for "Nothing less than the best" through constant motivation. Our work-culture is continuously being innovated and refreshed to reflect the latest developments in technology and trends.

About FDP

The Faculty Development Programme on "Emerging Trends in Thermal Engineering" intends to weave a series of informative sessions on novel findings in the field of Thermal engineering, which is an imperative discipline of Mechanical Engineering. Thermal Engineering contributes significantly to the industrial and economic development by planning, designing and maintaining thermal systems for commercial and domestic applications using the principles of thermodynamics and heat transfer. This FDP will serve as a platform for sharing research findings of researchers and academicians which eventually will open new avenues for technocrats in thermally associated sectors like power plants, automobile industries, manufacturing industries and many more. This FDP will catalyze research and development activities and will enable to realize cost effective and efficient thermal systems.

PATRONS

Shri. I.P. Mishra, Chairman-SGES

Shri Nishant Tripathi, Chairman IIC

ADVISORY COMMITTEE

Dr. Alok Jain, Principal, SSIPMT

Dr. Navin Jain, HOD,

Department of Mech. Engineering

Mr. Atul Chakravarti, Member IIC

COORDINATOR

Dr. Mayank Sharma, Asst. Prof.

(9302222285)

ORGANIZING COMMITTEE

Mr. Anakash Soni, Asst. Prof.

(7999592430)

Mr. Manish RK Sahu, Asst. Prof.

(9893690002)

Mr. Hitesh Ku. Sahu, Asst. Prof.

(8602739469)



Signature

Dr. N. Rengarajan, B.Sc., B.Tech., M.E., Ph.D.,
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 052.

Department of Mechanical Engineering

Programme Schedule

Day	Session - I - 9:30 a.m. to 11:30 a.m.	Session - II - 12:00 p.m. to 2:00 p.m.	Session - III - 2:30 p.m. to 4:30 p.m.
17/08/2021 Tuesday	Inauguration, Introduction and overview of the FDP	Adsorption based cooling system Dr. Vinod Singh Assistant Professor (Contract), NIT, Kurukshetra	Application of CFD in hydro turbine Dr. Ali Abbas Senior Assistant Professor, MITT, Madanapalle
18/08/2021 Wednesday	Boiling and condensation Dr. Kush Kumar Dewangan Assistant Professor, MITT, Madanapalle	Solar collector for thermal applications Manoj Yadav Research Scholar, Dept. of Energy and Science, IIT Bombay	Alternative fuels Dr. T.N. Verma Assistant Professor, MANIT, Bhopal
19/08/2021 Thursday	Internal combustion engine Dr. Pravesh Shukla Assistant Professor, IIT, Bhubli.	Nuclear power plant primary cycle heat exchanger Mr. Vinod Patnaik Senior Project Engineer, BHEL	Turbulent jet flowing over wavy surface to enhance the cooling Dr. Tejpratap Singh Post-Doctoral Fellow, IIT, Delhi
20/08/2021 Friday	Applications of nanofluids and ferrofluids Dr. Mukesh Sahu Head of Mechanical Engineering Department, CIT, Ranchi	Introduction to CFD Dr. Mukul Shrivastava Professor, Vardhaman College of Engineering, Hyderabad	System modelling and simulation Mr. George Edward Burke Senior Engineer, Ingersoll Rand
21/08/2021 Saturday	Rheological behavior of hydrogen extrusion Dr. Shashikant Verma Senior Post-Doctoral Fellow, Institute for Plasma Research, Gandhinagar	E Test & Feedback	Valedictory

Break

Break



(Signature)
Dr. N. Rengarajan, B.Sc., B.Tech., M.E., Ph.D.
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 052.

Date: 15/8/21



NANDHA ENGINEERING COLLEGE.ERODE-638052

Requisition for attending Conference/FDP/STTP/WORKSHOP/SEMINAR

Name K. Pradeep Kumar Designation : AP/ASP/Prof/N.T/OTHERS

Dept Agriculture Engineering Date of Joining:

2	7	0	7	1	3
---	---	---	---	---	---

Permission requested for:

Conference National International FDP STTP Workshop Seminar

Duratr.: From

1	7	0	8	2	1
---	---	---	---	---	---

 To:

1	9	1	2	1	8
---	---	---	---	---	---

 No.of days :

0	5
---	---

Institution/Organization: Shri Shankaracharya Institute of Professional Management & Technology, Raipur.

Presenting paper in the Conference : Yes No

Title of the Paper _____

Authors: 1 _____ 2 _____ 3 _____

Institution :(_____) (_____)

Conference /FDP/STTP/Workshop/Seminar on subject: Emerging Trends in Thermal Engineering

No.of programs attended so far from the Date of joining in Nandha :

Conference FDP STTP Workshop Seminar

No.of programs attended in the current Academic Year :

Conference FDP STTP Workshop Seminar

Registration Fees : RS _____

TA/DA : RS _____

Date: 15/8/21

K. Pradeep Kumar
Signature

Recommended / ~~Not Recommended~~

M. Pradeep Kumar
HOD / DEAN

Dr. N. Rengarajan
PRINCIPAL

Dr. N. Rengarajan, B.Sc., B.Tech., M.E., Ph.D.,
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 052.

Note: 1) Enclose copy of communication from the Organizers.

2) Fill in the details applicable

3) Attendance certificate submitted for having attended the program

4) Enclose Copy (if available)



**Shri Shankaracharya Institute of Professional Management & Technology
Raipur (C.G.)**

Old Dhamtari Road, Sejabahar, P.O.-Mujgahan, Raipur, Chhattisgarh 492015 | info@SSIPMT.com

Department of Mechanical Engineering

Faculty Development Programme

On

Emerging Trends in Thermal Engineering

17th to 21st August 2021

Certificate

This certificate is awarded to **Mr. Pradeep Kumar K** from **NANDHA Engineering College** on successful completion of **Faculty Development Programme on *Emerging Trends in Thermal Engineering*** and subsequently qualifying the examination.

Signature

Dr. Mayank Sharma
Programme Coordinator

Signature

Dr. Naveen Jain
HOD (Mechanical)

Signature

Dr. Alok Kumar Jain
Principal (SSIPMT, Raipur)



Dr. N. Rengatajain, B.Sc., B.Tech., M.E., Ph.D.

PRINCIPAL

NANDHA ENGINEERING COLLEGE

(Autonomous)

ERODE - 638 052.



KONGU ENGINEERING COLLEGE

AUTONOMOUS
PERUNDURAI, ERODE - 638 060



AICTE - SHARE AND MENTOR INSTITUTIONS
(MARGDARSHAN SCHEME)



FACULTY DEVELOPMENT PROGRAMME ON "RESEARCH & PAPER WRITING"

EXPERT MEMBERS



Dr. S. Shankar
Chief Coordinator (R&D) & Professor
(Mechatronics Engineering)



Dr. R. Rajasekar
Professor & Head
(Mechanical Engineering)



Dr. S. Albert Alexander
Associate Professor
(Electrical & Electronics Engineering)



Dr. G. S. Rampradheep
Associate Professor
(Civil Engineering)



Dr. P. Karthikeyan
Associate Professor
(Management Studies)



Mr. R. Nithyaprakash
Assistant Professor
(Mechatronics Engineering)

Content:

1. Identification of referred journal
2. Journal review process
3. Literature survey compilation
4. Referencing using EndNote
5. Problem formulation techniques
6. Effective writing of research paper
7. Structure of research paper
8. Writing original research paper
9. How to write effective results & discussion section?
10. Review paper writing
11. Intellectual property rights
12. Patenting process
13. Indexing process
14. Thesis writing methods
15. Do's and don'ts in research

DATE : 25.10.2021 TO 29.10.2021

VENUE : Mechatronics Engineering Block, Kongu Engineering College



(Signature)
Dr. N. Rengarajan, B.Sc., B.Tech., M.E., Ph.D.,
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 052.

Date: 23-10-21



NANDHA ENGINEERING COLLEGE.ERODE-638052

Requisition for attending Conference/FDP/STTP/WORKSHOP/SEMINAR

Name K. PRADEEP KOMAR Designation : AP/ASP/Prof/N.T/OTHERS
Dept Agriculture Engineers Date of Joining:

2	7	0	7	1	3
---	---	---	---	---	---

Permission requested for:

Conference National International FDP STTP Workshop Seminar

Duration: From

2	5	1	0	2	1
---	---	---	---	---	---

 To:

2	9	1	0	2	1
---	---	---	---	---	---

 No. of days:

0	5
---	---

Institution/Organization: Kongu Engineering college

Presenting paper in the Conference : Yes No

Title of the Paper _____

Authors: 1 _____ 2 _____ 3 _____

Institution : (_____) (_____) (_____)

Conference /FDP/STTP/Workshop/Seminar on subject: Research 2 Paper writing

No. of programs attended so far from the Date of joining in Nandha :

Conference FDP STTP Workshop Seminar

No. of programs attended in the current Academic Year :

Conference FDP STTP Workshop Seminar

Registration Fees : RS _____ TA/DA : RS _____

Date : 23-10-21

K. Pradeep
Signature

Recommended / ~~Not Recommended~~

M. Pradeep
HOD /BEAN

[Signature]
PRINCIPAL

[Signature]
Dr.N.Rengarajan, B.Sc., B.Tech., M.E., Ph.D.,
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 052.

Note: 1) Enclose copy of communication from the Organizers.

2) Fill in details wherever applicable

3) All documents must be submitted for having attended the program

4) Enclose copy of the certificate (if available)





KONGU ENGINEERING COLLEGE

(AUTONOMOUS)

PERUNDURAI, ERODE - 638 060



AICTE - SHARE AND MENTOR INSTITUTIONS (MARGDARSHAN SCHEME)

This is to certify that

Mr. K. PRADEEP KUMAR
NANDHA ENGINEERING COLLEGE

has participated in AICTE sponsored FDP on
"RESEARCH AND PAPER WRITING"

Organized by Department of Mechatronics Engineering
during 25th October, 2021 to 29th October, 2021

Dr. K. Krishnamurthy
Chief Coordinator (Student Affairs)
Chief Coordinator (Margdarshan Scheme)



Dr. N. Rengarsjan, B.Sc., B.Tech., M.E., Ph.D.,
PRINCIPAL

Dr. V. Balusamy

Principal

NANDHA ENGINEERING COLLEGE
(Autonomous)

ERODE - 638 052.
Kongu Engineering College

ORGANIZING COMMITTEE

CONVENOR

Dr. B. Shridar
Dean

Agricultural Engineering
College and Research Institute

PROGRAMME COORDINATORS

Dr. P. Subramanian
Professor and Head
Dept. of Renewable Energy Engineering
Ph: 94438 39305; 72000 04700
atalaecri@tnau.ac.in
bioenergy@tnau.ac.in

Dr. Balaji Kannan
Professor
Department of Soil and Water
Conservation Engineering
Ph: 97899 82772
balajikannan@tnau.ac.in

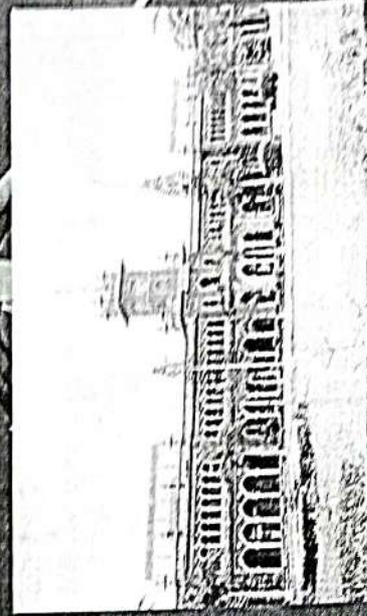
REGISTRATION

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

Title: **Future trends in Green Energy
Technologies for Sustainable
Development**
Level of FDP: **Elementary**

ABOUT THE INSTITUTE

Agricultural Engineering College and Research Institute (AECRI), Coimbatore is one of the constituent colleges of the Tamil Nadu Agricultural University. This is the first college started in South India for providing agricultural engineering education in July 1972. The college is accredited by All India Council for Technical Education (AICTE) and Indian Council of Agricultural Research (ICAR).



ABOUT THE DEPARTMENTS

The Department of Renewable Energy Engineering and the Department of Soil and Water Conservation Engineering are organizing this training programme. The Department of Soil and Water Conservation Engineering was started in the year 1972. In 1982, Department of Agro Energy was formed by establishing an Agro Energy center with the assistance of DST, Govt. of India. In line with ICAR, this Department is rechristened as Department of Renewable Energy Engineering from April 2019. The Departments have national and

AICTE TRAINING AND LEARNING (ATAL) ACADEMY

Five days Online FDP on
**Future trends in Green Energy
Technologies for Sustainable
Development**

OCTOBER 25 - 29, 2021

Organised by

ALL INDIA COUNCIL FOR
TECHNICAL EDUCATION, NEW DELHI



Organised by



AGRICULTURAL ENGINEERING COLLEGE AND
RESEARCH INSTITUTE
TAMIL NADU AGRICULTURAL UNIVERSITY
COIMBATORE - 641003



ABOUT THE FDP

This FDP will cover key note and hands on session on familiarization of green energy technologies, viz., Solar, Wind, biological solid, liquid and gaseous fuels, fuel cell and their applications by eminent resource persons from the respective domain. Technical aspects on energy conservation through Energy auditing and management, Waste Management, Life Cycle Assessment, Circular Economy, Green buildings, with special focus on sustainable concepts, sustainability reporting will be addressed through technical sessions from professionals and industry personnel. In addition, hands on sessions on energy generation technologies will be exposed to the participants.

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 young generation in skill sector and having faculty & technicians to be trained in their respective disciplines. Training is required for increasing the knowledge, skills of students to make them more employable to acquire global competence.

001
25
Dr. V. Kirubakaran
Associate Prof. and Director /c
Centre for Rural Energy, The
dandigram Rural Institute, Dindigul

001
25
Er. Srikrishna Balachandran
Expert in Plastic/Waste
Recycling UNDP, New/Delhi

001
25
D. M. Praveetha
Professor, Dept. of Energy
and Environment, NT
Tiruchy

001
26
Er. Kumaraguru Rajasekar
Senior Manager - LCA and
Sustainability, TCS Steel,
Chennai

001
26
Dr. P. Tamilarasan
Scientist & Assistant Professor
Geology, Palakkad

001
26
Er. Digu Aruchamy
Technology Innovation Manager,
Sensing & Control Systems,
Barcelona, Spain

001
27
Ms. N. Mangalash
Clinical Psychologist
Professor, KMCH &
Coimbatore

001
27
Dr. J. Jayanthi
Professor and Head, Dept. of Civil
Engineering, Government College
of Technology, Coimbatore

001
27
Mr. D. Raghavan
Head of Operations M/s Indian
Geoinformatics Centre, Chennai

001
28
Er. Ganesh Kumar
Senior Associate - Environment
and Sustainability at Amazon

001
28
Ms. Samhita
Managing Director, Eia Green
Buildings and Infrastructure Pvt
Ltd, Chennai

001
28
Dr. S. Babu
Associate Professor, Dept. of
Mechanical Engg, PSG College
of Technology, Coimbatore

001
29
Er. Prince Manova
OEHSS Specialist, MBCC Group,
United Arab Emirates

001
29
Mr. M. Muthukumar
Head of Engineering &
Instrumentation Division
SITRA, Coimbatore



Date: 22/10/21

NANDHA ENGINEERING COLLEGE.ERODE-638052

Requisition for attending Conference/FDP/STTP/WORKSHOP/SEMINAR

Name P. Sandhiyadri
Dept Agriculture Engg

Designation : AP/ASP/Prof/N.T/OTHERS
Date of Joining: 19 12 18

Permission requested for:
Conference National International FDP STTP Workshop Seminar

Duration: From 25 10 21 To: 29 10 21 No. of days: 05

Institution/Organization: ATAL-Academy - Agricultural engineering college & Research Institute, etc

Presenting paper in the Conference : Yes No

Title of the Paper _____

Authors: 1 _____ 2 _____ 3 _____

Institution : (_____) (_____) (_____)

Conference /FDP/STTP/Workshop/Seminar on subject: Future trends in green energy technologies for sustainable development.

No. of programs attended so far from the Date of joining in Nandha :

Conference FDP STTP Workshop Seminar

No. of programs attended in the current Academic Year :

Conference FDP STTP Workshop Seminar

Registration Fees : RS _____

TA/DA : Rs. _____

Date: 22/10/21

P. Sandhiyadri
Signature

Recommended / Not Recommended

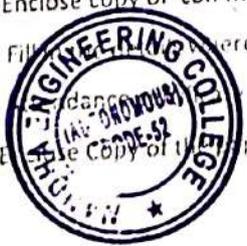
M. J. H.
HOD/DEAN

PRINCIPAL

Dr.N.Rengarajan, B.Sc., B.Tech., M.E., Ph.D.,
PRINCIPAL

Note: 1) Enclose copy of communication from the Organizers.

- 2) Files wherever applicable
- 3) _____ must be submitted for having attended the program
- 4) _____ per (if available)



NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 052.

No: ATAL/2021/1635085694



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that P. Sandhiyadevi, Assistant Professor of Nandha Engineering College participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on " FUTURE TRENDS IN GREEN ENERGY TECHNOLOGIES FOR SUSTAINABLE DEVELOPMENT" from 25/10/2021 to 29/10/2021 at Agricultural Engineering College and Research Institute.

Mamta Rani Agarwal

Advisor-I, ATAL Academy
Mamta Rani Agarwal



Dr. N. Rengasajan

Dr. N. Rengasajan, B.Sc., B.Tech., M.E., Ph.D.,
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 052.

Coordinator



Faculty Development Programme

On

Emerging Trends in Thermal Engineering

17th to 21st August 2021

SSIPMT, Raipur

Organized by

Department of Mechanical Engineering
Shri Shankaracharya Institute of Professional Management & Technology, Raipur
Address: Old Dhamtari Road, Sejabahar,
P.O.-Mujgahan, Raipur, Chhattisgarh 492015

No Registration Fee
Registration Link - [Click Here to Register](#)



N. Rengarajan
Dr.N.Rengarajan, B.Sc., B.Tech., M.E., Ph.D.,
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 052.

About SSIPMT
SSIPMT Raipur is established to foster an understanding of technical and management education to harvest skilled engineers and efficient managers for society. The city of Raipur had lack of technical institutes, due to which students of the city were compelled to look beyond Raipur for technical education. We took it as a challenge and dared to start a technical institute in the city of Raipur. With the blessings of Jagadguru Shankaracharya Swami Swaroopanand Saraswati ji Maharaj, things worked well and we were able to lay the foundation of Shri Shankaracharya Institute of Professional Management and Technology. Raipur with the mission of imparting quality technical education to the budding engineers and managers of Raipur. All this materialized within 10 glorious years.
Our commitment is to make every student of the institute ready to take professional stress skillfully without being subjected to anxiety issues. We develop an urge for "Nothing less than the best" through constant motivation. Our work-culture is continuously being innovated and refreshed to reflect the latest developments in technology and trends.

About FDP
The Faculty Development Programme on "Emerging Trends in Thermal Engineering" intends to weave a series of informative sessions on novel findings in the field of Thermal engineering, which is an imperative discipline of Mechanical Engineering. Thermal Engineering contributes significantly to the industrial and economic development by planning, designing and maintaining thermal systems for commercial and domestic applications using the principles of thermodynamics and heat transfer. This FDP will serve as a platform for sharing research findings of researchers and academicians which eventually will open new avenues for technocrats in thermally associated sectors like power plants, automobile industries, manufacturing industries and many more. This FDP will catalyze research and development activities and will enable to realize cost effective and efficient thermal systems.

- PATRONS**
Shri.J.P. Mishra, Chairman-SGES
Shri NishantTirpathi, Chairman BC
- ADVISORY COMMITTEE**
Dr. Alok Jam, Principal, SSIPMT
Dr. Naveen Jain, HOD
Department of Mech. Engineering
Mr. Atul Chakrwardi, Member BC
- COORDINATOR**
Dr. Mayank Sharma, Asst. Prof.
(9302222285)
- ORGANIZING COMMITTEE**
Mr. Aakash Soni, Asst. Prof.
(7999592430)
- Mr. Manish RK Sahu, Asst. Prof.
(9893690002)
- Mr. Hitresh Ku. Sahu, Asst. Prof.
(8602739469)

Department of Mechanical Engineering

Programme Schedule

Day	Session – I - 9:30 a.m. to 11:30 a.m.	Session – II - 12:00 p.m. to 2:00 p.m.	Session – III - 2:30 p.m. to 4:30 p.m.
17/08/2021 Tuesday	Inauguration, Introduction and overview of the FDP	Adsorption based cooling system Dr. Vinod Singh Assistant Professor (Contract), NIT, Kurukshetra	Application of CFD in hydro turbine Dr. Ali Abbas Senior Assistant Professor, MITS, Madanapalle
18/08/2021 Wednesday	Boiling and condensation Dr. Kush Kumar Dewangan Assistant Professor, MITS, Madanapalle	Solar collector for thermal applications Manoj Yadav Research Scholar, Dept. of Energy and Science, IIT Bombay	Alternative fuels Dr. T.N. Verma Assistant Professor, MANIT, Bhopal
19/08/2021 Thursday	Internal combustion engine Dr. Pravesh Shukla Assistant Professor, IIT, Bhilai.	Nuclear power plant primary cycle heat exchanger Mr. Vinod Patnaik Senior Project Engineer, BHEL	Turbulent jet flowing over wavy surface to enhance the cooling Dr. Tejpratap Singh Post-Doctoral Fellow, IIT, Delhi
20/08/2021 Friday	Applications of nanofluids and ferrofluids Dr. Mukesh Sahu Head of Mechanical Engineering Department, CIT, Ranchi	Introduction to CFD Dr. Mukul Shrivastava Professor, Vardhaman College of Engineering, Hyderabad	System modelling and simulation Mr. George Edward Burke Senior Engineer, Ingersoll Rand
21/08/2021 Saturday	Rheological behavior of hydrogen extrusion Dr. Shashikant Verma Senior Post-Doctoral Fellow, Institute for Plasma Research, Gandhinagar	E Test & Feedback	Valedictory

Break

Break



Dr. N. Rengarajan
 Dr. N. Rengarajan, B.Sc., B.Tech., M.E., Ph.D.,
 PRINCIPAL
 NANDHA ENGINEERING COLLEGE
 (Autonomous)
 ERODE - 638 052.

Date: 15/8/21



NANDHA ENGINEERING COLLEGE.ERODE-638052

Requisition for attending Conference/FDP/STTP/WORKSHOP/SEMINAR

Name P. Sandhiya Devi Designation : AP/ASP/Prof/N.T/OTHERS

Dept Agriculture Engg. Date of Joining:

1	9	1	2	1	8
---	---	---	---	---	---

Permission requested for:

Conference National International FDP STTP Workshop Seminar

Duration: From

1	7	0	8	2	1
---	---	---	---	---	---

 To:

2	1	0	8	2	1
---	---	---	---	---	---

 No. of days :

0	5
---	---

Institution/Organization: Shri Shankarabhaia Institute of Professional Management & Technology, Raipur.

Presenting paper in the Conference : Yes No

Title of the Paper _____

Authors: 1 _____ 2 _____ 3 _____

Institution : (_____) (_____) (_____)

Conference /FDP/STTP/Workshop/Seminar on subject: Emerging Trends in Thermal Engineering

No. of programs attended so far from the Date of joining in Nandha :

Conference FDP STTP Workshop Seminar

No. of programs attended in the current Academic Year :

Conference FDP STTP Workshop Seminar

Registration Fees : RS _____

TA/DA : RS _____

Date : 16/8/21

P. Sandhiya Devi
Signature

Recommended / Not Recommended

M. P. J. H. T.
HOD/DEAN

[Signature]
PRINCIPAL

Dr. N. Rengarajan (B.Sc., B.Tech., M.E., Ph.D.)
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 052.

Note: 1) Enclose copy of communication from the Organizers.

2) Fill _____ wherever applicable

3) _____ must be submitted for having attended the program

4) _____ (if available)



Shri Shankaracharya Institute of Professional Management & Technology Raipur (C.G.)

Old Dhamtari Road, Sejabahar, P.O.-Mujgahan, Raipur, Chhattisgarh 492015 | info@SSIPMT.com

Department of Mechanical Engineering

Faculty Development Programme

On

Emerging Trends in Thermal Engineering

17th to 21st August 2021

Certificate

This certificate is awarded to Mrs. P. Sandhiya Devi from Nandha Engineering College on successful completion of Faculty Development Programme on *Emerging Trends in Thermal Engineering* and subsequently qualifying the examination.

Sharma

Dr. Mayank Sharma
Programme Coordinator

Naveen Jain

Dr. Naveen Jain
HOD (Mechanical)

A. Chauhan

Dr. Alok Kumar Jain
Principal (SSIPMT, Raipur)



Dr. N. Rengarajan, Ph.D., B.Tech., M.E., Ph.D.,
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 052.



**AICTE Training and Learning
(ATAL) Academy Sponsored
One Week Faculty Development
Programme (FDP) on
"Smart & Sustainable
Infrastructure Development
for New India"**

20- 24 December, 2021

About FDP

By 2030 it is predicted that 68 Indian cities will each have more than one million inhabitants, and six megacities, more than ten million each. The rapid growth of cities causes a large number of challenges, including insufficient power supply, unreliable public transportation systems and limited access to adequate medical treatment. To meet the challenges of continuing growth without destroying the environment, infrastructure planning for smart and sustainable development is crucial. The training program is planned to bring on a common platform to share and discuss the ongoing technical advancement, constraints and other significant issues of Sustainable technologies for infrastructure Development

Course Contents

- ✓ Innovation in Infrastructure
- ✓ Sustainable construction practices
- ✓ Sustainable construction materials & technology
- ✓ Technologies for Smart city development
- ✓ Urban mobility & Intelligent Transport Systems
- ✓ Waste to Energy Management
- ✓ Technologies related to Sanitation
- ✓ Building Smartly- Affordable & Green
- ✓ Building Technologies for Cities
- ✓ Smart solutions for construction management

Expected Outcomes

Insights in recent development in sustainable and smart infrastructure technologies & engineering. Participants will be having the opportunity for dissemination of information and technology, sharing of expertise and exchange of views related to sustainable resource management. Participants will be able to enhance knowledge in Smart Water and Waste Management, Smart Environment, Smart Urban Planning, Smart Buildings & Clean Energy.

About Institute

Birla Vishvakarma Mahavidyalaya Engineering College (BVM) is a Premier Institution of CVM established in 1948 with the Motto of "Work is Worship". We are the First Approved Degree Engineering College of the Gujarat State. More than 20000 engineers have been graduated from this college spread across the globe, BVM is the first Autonomous Institute of Gujarat State. It offers B.Tech, M.Tech. and Ph.D. Degree Programmes. The College is affiliated with the Gujarat Technological University. The most striking feature of BVM is the dedicated and experienced faculty-base and most of the Programs are NBA Accredited.

About Organizing Department

The Departments of Structural Engineering is one of the most efficient departments of BVM Engineering College and offers M.Tech and B.Tech programs. The department has highly qualified, well-experienced and dedicated faculty members. The department is equipped with advanced instruments and equipment for research facilities. Experts from leading industries and educational institutes are invited frequently for guest lectures on recent developments for the benefit of students and staff. The department is deeply involved in testing and consultancy work besides quality research.

**About AICTE Training and Learning
(ATAL) Academy Sponsored**

All India Council for Technical Education (AICTE) through its newly established AICTE Training And Learning (ATAL) Academy have started unique faculty development programs in various thrust areas of modern technology. 200 such programs have already been conducted in various government institutions benefitting around 10,000 faculties, research scholars & PG students during the FY 19-20. Seeing the success of this initiative, AICTE Training And Learning (ATAL) Academy has announced to organize 500 AICTE Training And Learning (ATAL) Academy FDPs across the country for FY20-21. Accordingly, AICTE Training And Learning (ATAL) Academy is inviting a proposal for the conduction of these Faculty Development programs (FDP) in various thrust areas and emerging areas.

Who can attend?

Faculty from AICTE Approved Academic institutions/ Universities, Research Scholar/ Industry personnel/Professionals and others are invited.

No Registration Fees.

FDP will be conducted on OFFLINE.

Resource Persons

Experts from Premier organizations and Professionals will conduct the sessions.

For Registration

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

For Further Information
Kindly contact Prof. Jagruti Shah, Coordinator
Email: jagruti.shah@bvmengineering.ac.in
Con No: ~~07896999679~~ 8.Sc., B.Tech., M.E., Ph.D.,
Principal

**PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)**

ERODE - 638 052.





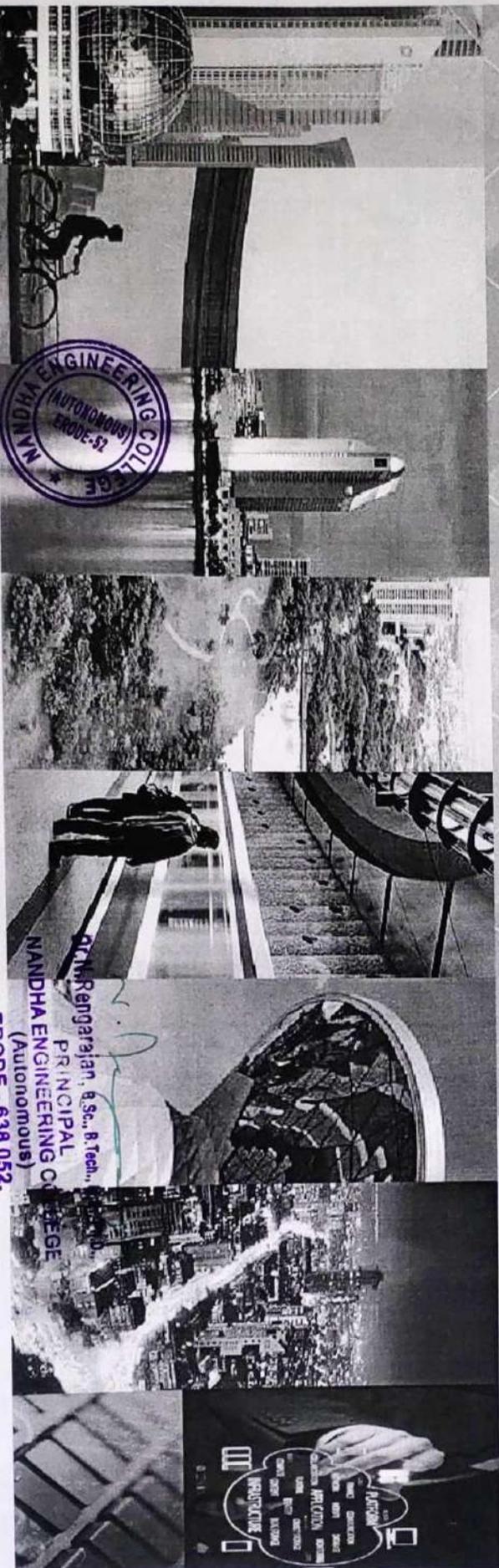
ATAL



AICTE Training and Learning (ATAL) Academy Sponsore
One Week Faculty Development Programme (FDP) o

“Smart & Sustainable Infrastructure Development for New India”

20- 24 December, 2021



**Dr. N. Rengarajan, B.Sc., B.Tech.,
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 052.**



Department of Mechanical Engineering

Programme Schedule

Day	Session - I - 9:30 a.m. to 11:30 a.m.	Session - II - 12:00 p.m. to 2:00 p.m.	Session - III - 2:30 p.m. to 4:30 p.m.
17/08/2021 Tuesday	Inauguration, Introduction and overview of the FDP	Adsorption based cooling system Dr. Vinod Singh Assistant Professor (Contract), NIT, Kurukshetra	Application of CFD in hydro turbine Dr. Ali Abbas Senior Assistant Professor, MIT, Madanapalle
18/08/2021 Wednesday	Boiling and condensation Dr. Kush Kumar Dewangan Assistant Professor, MIT, Madanapalle	Solar collector for thermal applications Manoj Yadav Research Scholar, Dept. of Energy and Science, IIT Bombay	Alternative fuels Dr. T.N. Verma Assistant Professor, MANIT, Bhopal
19/08/2021 Thursday	Internal combustion engine Dr. Pravesh Shukla Assistant Professor, IIT, Bhubli.	Nuclear power plant primary cycle heat exchanger Mr. Vinod Patnaik Senior Project Engineer, BHEL	Turbulent jet flowing over wavy surface to enhance the cooling Dr. Tejpratap Singh Post-Doctoral Fellow, IIT, Delhi
20/08/2021 Friday	Applications of nanofluids and ferrofluids Dr. Mukesh Sahu Head of Mechanical Engineering Department, CIT, Ranchi	Introduction to CFD Dr. Mukul Shrivastava Professor, Vardhaman College of Engineering, Hyderabad	System modelling and simulation Mr. George Edward Burke Senior Engineer, Ingersoll Rand
21/08/2021 Saturday	Rheological behavior of hydrogen extrusion Dr. Shashikant Verma Senior Post-Doctoral Fellow, Institute for Plasma Research, Gandhinagar	E Test & Feedback	Valedictory



Dr. N. Rengarejan, B.Sc., B.Tech., M.E., Ph.D.,
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 052.



Shri Shankaracharya Institute of Professional Management & Technology Raipur (C.G.)



Faculty Development Programme

On

Emerging Trends in Thermal

Engineering

17th to 21st August 2021

SSIPMT, Raipur

Organized by

Department of Mechanical Engineering

Shri Shankaracharya Institute of Professional Management & Technology, Raipur

Address: Old Dhantari Road, Sejabahar, P.O.-Mujgahan, Raipur, Chhattisgarh 492015

No Registration Fee

Registration Link -

[Click Here to Register](#)



About SSIPMT

SSIPMT Raipur is established to foster an understanding of technical and management education to harvest skilled engineers and efficient managers for society. The city of Raipur had lack of technical institutes, due to which students of the city were compelled to look beyond Raipur for technical education. We took it as a challenge and dared to start a technical institute in the city of Raipur. With the blessings of Jagadguru Shankaracharya Swami Swaroopnand Saraswati Ji Maharaj, things worked well and we were able to lay the foundation of Shri Shankaracharya Institute of Professional Management and Technology, Raipur with the mission of imparting quality technical education to the budding engineers and managers of Raipur. All this materialized within 10 glorious years.

Our commitment is to make every student of the institute ready to take professional stress skillfully without being subjected to anxiety issues. We develop an urge for "Nothing less than the best" through constant motivation. Our work-culture is continuously being innovated and refreshed to reflect the latest developments in technology and trends.

About FDP

The Faculty Development Programme on "Emerging Trends in Thermal Engineering" intends to weave a series of informative sessions on novel findings in the field of Thermal engineering, which is an imperative discipline of Mechanical Engineering. Thermal Engineering contributes significantly to the industrial and economic development by planning, designing and maintaining thermal systems for commercial and domestic applications using the principles of thermodynamics and heat transfer. This FDP will serve as a platform for sharing research findings of researchers and academicians which eventually will open new avenues for technocrats in thermally associated sectors like power plants, automobile industries, manufacturing industries and many more. This FDP will catalyze research and development activities and will enable to realize cost effective and efficient thermal systems.

PATRONS

Shri. I.P. Mishra, Chairman-SGES

Shri Nishant Tripathi, Chairman BG

ADVISORY COMMITTEE

Dr. Alok Jain, Principal, SSIPMT

Dr. Naveen Jain, HOD

Department of Mech. Engineering

Mr. Anul Chakrwardi, Member BG

COORDINATOR

Dr. Mayank Sharma, Asst. Prof.

(930222289)

ORGANIZING COMMITTEE

Mr. Aakash Soni, Asst. Prof.

(7999592430)

Mr. Manish RK Sahu, Asst. Prof.

(9893690002)

Mr. Hitesh Ku. Sahu, Asst. Prof.

(8602739469)

Dr. N. Rengarajan, B.Sc., B.Tech., M.E., Ph.D.
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 052.



Date: 17.12.21



NANDHA ENGINEERING COLLEGE.ERODE-638052

Requisition for attending Conference/FDP/STTP/WORKSHOP/SEMINAR

Name M. Rabi Akhameh

Designation : AP/ASP/Prof/N.T/OTHERS

Dept Agri. Engg

Date of Joining: [][][][][][]

Permission requested for:

Conference National International FDP STTP Workshop Seminar

Duration: From 201221 To 241221 No. of days: 05

Institution/Organization: ATAC Academy - Birla Vishvakarma Mahavidyalaya Engineering College, (BVM)

Presenting paper in the Conference: Yes No

Title of the Paper _____

Authors: 1 _____ 2 _____ 3 _____

Institution: () () ()

Conference / FDP / STTP / Workshop / Seminar on subject: Smart & Sustainable Infrastructure Development for New India

No. of programs attended so far from the Date of joining in Nandha: nil

Conference FDP STTP Workshop Seminar

No. of programs attended in the current Academic Year: nil

Conference FDP STTP Workshop Seminar

Registration Fees : RS _____ TA/DA : RS _____

Date: 17.12.21

[Signature]
Signature
17.12.21

Recommended / ~~Not Recommended~~

[Signature]
HOD / DEAN

[Signature]
PRINCIPAL

[Signature]
Dr. N. Rengarajan, B.Sc., B.Tech., M.E., Ph.D.,
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 052.

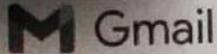
Note: 1) Enclose copy of communication from the Organizers.

2) Fill in the details applicable

3) Attendance certificate submitted for having attended the program

4) Enclose Copy of (if paper available)





Rabi Ahamed <rabiahamed2017@gmail.com>

Confirmation as Participation for AICTE Training And Learning (ATAL) Academy Sponsored One Week Faculty Development Programme (FDP) on "Smart & Sustainable Infrastructure Development for New India"

1 message

Jagruti Shah <jagruti.shah@bvmengineering.ac.in>
Bcc: rabiahamed2017@gmail.com

Sat, Dec 18, 2021 at 3:51 PM

**AICTE Training And Learning (ATAL) Academy Sponsored
One Week Faculty Development Programme (FDP)
on
"Smart & Sustainable Infrastructure
Development for New India"**

20-24 December 2021

Subject: Confirmation as Participation for AICTE Training And Learning (ATAL) Academy Sponsored One Week Faculty Development Programme (FDP) on "Smart & Sustainable Infrastructure Development for New India"

Dear Sir/Madam,

Greetings of the day!

With reference to the above-mentioned subject, we are glad to confirm you as a Participant in AICTE Training And Learning (ATAL) Academy Sponsored One Week Faculty Development Programme (FDP) on "SMART & SUSTAINABLE INFRASTRUCTURE DEVELOPMENT FOR NEW INDIA"

Kindly find the **Schedule of the FDP**.

Instructions for Participants:

- Sessions shall be held through **Google Meet: meet.google.com/snv-dhgg-ztt**
- E-Certificate will be provided by ATAL academy upon successful completion of the FDP containing at least 80 % attendance and having acquired at least 60 % marks in online assessment.
- Please join the **WhatsApp group** using the link. All the instructions will be sent to this group: **<https://chat.whatsapp.com/KAYVUua0nkuByYyvAzh48C>**

For any further queries please feel free to contact **9714073963**.

We hope you have a fruitful course.

Stay Safe.

Coordinator



(Signature)
Dr.N.Rengarchian, B.Sc., B.Tech., M.E., Ph.D.,
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 052.



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that Rabi Ahmed, Associate Professor of Nandha Engineering College participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Smart & Sustainable Infrastructure Development for New India" from 20/12/2021 to 24/12/2021 at Birla Vishvakarma Mahavidyalaya Engineering College (BVM).

Advisor-I, ATAL Academy
Mamta Rani Agarwal



Dr.N.Rengaraman Ph.D., B.Tech., M.E., Ph.D.,
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
Coordinator
ERODE - 638 052.

About the Institute

New Horizon College of Engineering is an Autonomous college affiliated to VIT-Visvesvaraya Technological University (VTU), approved by the All India Council for Technical Education (AICTE) & University Grants Commission (UGC). It is accredited by NAAC with 'A' grade & National Board of Accreditation (NBA). It is one of the Top Engineering Colleges in India as per NIRF rankings - 2021 and an ISO 9001:2008 certified institution. New Horizon College of Engineering is in the heart of the IT capital of India, Bengaluru. The college campus is situated in the IT corridor of Bangalore surrounded by MNCs and IT giants such as Intel, Accenture, Capgemini, ARM, Symphony, Wipro, Nokia, JP Morgan and Cisco to name a few. NHCE has Centre of Excellence with reputed industries like Adobe, HPE, VMware, Schneider Electric, SAP, Quest Global and CISCO. NHCE has a scenic and serene campus that provides an environment which is conducive for personal and intellectual growth. The infrastructure acts as a favorable facility for the effective delivery of the curriculum. NHCE boasts of state-of-the-art facilities for its students. The students are given utmost encouragement in their areas of interest by providing hi-tech facilities backed by faculty support. The institute places highest priority on innovative programs of instructions that include both traditional classroom theory and professional skills training. There is a strong impetus on overall personality development of the students with emphasis on soft skills. Students are supported through mentoring and counseling systems. The management offers scholarships to meritorious students. At NHCE, from the moment a student walks into the campus, he/she is well guided to know his/her strengths and choose an area of functional specialization. This enables students to concentrate their efforts and energies to gain the competitive edge. NHCE has an unique distinction of achieving 100% admissions in all its courses year after year.

About the Department:

The department of Mechanical Engineering is accredited by the National Board of Accreditation (NBA). Mechanical Engineering is perhaps the most diverse and versatile of all the engineering disciplines. The department of Mechanical Engineering at NHCE is dedicated towards the advancement of technology and science. Keeping itself up to date with the latest developments and trends in the field and with a dedicated faculty of highly qualified and experienced members in all streams of mechanical engineering, the department consistently strives to provide world class facilities for education and research. The department has received research grants worth about Rupees 15 crores from reputed funding agencies both central and State government such as AICTE, DST, VGST, KSCST, and many more. Constant interactive relationship is maintained between the students and staff which enable the students to develop a sound foundation in the stream in a conducive environment. This has reflected in the real time projects from industries, real time case studies from reputed industrial experts. The department actively focuses on R & D projects such as, green manufacturing, renewable energy, surface engineering, additive manufacturing and many more in the area of advanced manufacturing in the field of Mechanical Engineering. The high quality training offered in laboratories with latest equipment and design software, which helps the students to apply their classroom knowledge to live industrial situations. More than 20% of our students proceed to top universities abroad to pursue their higher education. The department has an excellent industrial interaction and contributes to the industry by offering consultancy services.

Chief Patron

Dr. Mahan Manghnani
Chairman - NHCE, Bengaluru

Patron

Dr. Manjunatha
Vice-Chancellor

Advisory Committee

Dr. Anurag Singh
Vice-Chancellor

Prof. Gundevaran Singh
Vice-Chancellor

Dr. Girija Srinivasula
Vice-Chancellor

Dr. Shrinivas Kumar
Vice-Chancellor

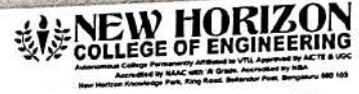
Dr. Ranganatha Acharya
Vice-Chancellor

Program Co-Ordinator

Co Co-ordinators

Organising Committee

Dr. Ranganatha Acharya, Vice-Chancellor
Dr. Anurag Singh, Vice-Chancellor
Dr. Manjunatha, Vice-Chancellor
Dr. Gundevaran Singh, Vice-Chancellor
Dr. Girija Srinivasula, Vice-Chancellor
Dr. Shrinivas Kumar, Vice-Chancellor
Dr. Ranganatha Acharya, Vice-Chancellor
Prof. Ranganatha Acharya, Asst. Professor
Prof. Purneeth K.V., Asst. Professor
Prof. Santhosh A.R., Sr. Asst. Professor
Prof. Sujeth Swami, Asst. Professor
Prof. Karthik S.N., Asst. Professor
Prof. Pavan Prabhakar, Asst. Professor
Prof. MeghaShukla, Asst. Professor



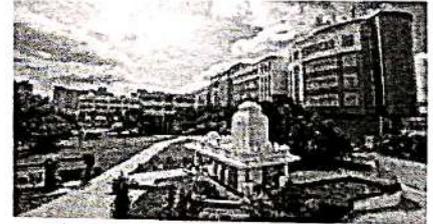
AICTE Training and Learning
(ATAL)Academy
Online Faculty Development
Programme (FDP)

On

"Implementation of Emerging Waste-
To-Energy Technologies - An
Opportunity and The challenges On
Energy Recovery Systems"

Organized by

Department of Mechanical Engineering



15th Nov 2021 - 19th Nov 2021
www.newhorizonindia.edu




Dr. N. Rengarajan, B.Sc., B.Tech., M.E., Ph.D.,
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 052.

Overview of the AICTE Training and Learning (ATAL) FDP

AICTE Training and Learning (ATAL) FDP in the field of technical education will help participants to gain knowledge on implementation of Emerging Waste-To-Energy Technologies and their Opportunity and Challenges On Energy Recovery Systems for sustainable development.

Due to increase in energy demand and the rapid depletion of conventional fossil fuel resources, the alternative energy has caused great attention today and has to focus on to reduce the waste level in eco system.

The Objectives of the AICTE Training and Learning (ATAL) FDP

Faculties members / Research scholars/PhD Students/Participants from industry are going to be clear about

- To effectively reduce fossil fuels consumption usage by energy from Municipal Solid Waste(MSW).
- To reuses the waste for energy conversion and generation
- To apply Energy generation potential from biochemical and thermo-chemical processes using generic models.
- To apply Waste to meet the environmental challenges and integrate different energy resources.
- To Analyze the waste to energy processes technology development, evaluation and verification, implementation, and economical analysis
- To overcome the problems caused by the power demand uncertainties.
- Evaluating the planning, risk management, control systems, and chemical process systems.
- To optimize hybrid system components, enhance efficiency, cyber security, reliability, and profitability of the assets over their lifetime.
- To attain and ensure the pollution free atmosphere from green energy

Who Can Apply:

This AICTE Training and Learning (ATAL) FDP is open to the faculty members and Research Scholars of AICTE approved colleges, and Industry professionals.

Resource Persons:

Eminent speakers from IIT, IISc, NIT and Research expert from Industrial experience will also share their perspective in the fields of Emerging Waste-To-Energy Technologies and their Opportunity and Challenges On Energy Recovery applications.

Course Content

- Energy Systems & Thermal Sciences
- Sustainable Municipal Solid Waste Management
- Emerging Waste To Energy Technologies And Facilities
- Recyclable Waste and Residual Waste, Biogenic Waste management
- GHG emissions and quantitative estimate of the potential for GHG reductions and landfill space savings
- Status and future of waste to energy
- Heat and power, material, chemical, economical, and management challenges
- Bio-fuels Production and Utilization
- Alternate Fuels for IC Engines
- Waste plastic to energy
- Energy from Waste Edible oil
- Improved environmental protection measures, R&D, systems and process Engineering
- Supply and demand side of energy management.

Registration

The participants can download Brochure available on the New Horizon College of Engineering Website (<http://newhorizonindia.edu/nhengineering/mechanicalengineering>).

<https://atalacademy/aicte-india.org/participant/workshop>

The number of participants will be limited to 200. The selected applicants will be intimated by E-mail on or before 10th November, 2021.

Note: The certificate will be issued to those participants who have attended the program and have qualified with 80% marks in the test conducted at the end of the program.

Important Dates

Last date for online registration through ATAL FDP web page is 28th November, 2021.

Selected participants will be intimated through Email, on or before 10th November, 2021.

Address for communication

Program Co-ordinator

Dr. K. Gopal,

Associate Professor.

Department of Mechanical Engineering

9940938689

Email: drgopalkmenhce20@gmail.com




Dr. N. Rengarajan, B.Sc., B.Tech., M.E., Ph.D.
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 052.



Date: 17/11/2021



NANDHA ENGINEERING COLLEGE.ERODE-638052

Requisition for attending Conference/FDP/STTP/WORKSHOP/SEMINAR

Name N. Mukilan

Designation : AP/ASP/Prof/N.T/OTHERS

Dept Agriculture Engineering

Date of Joining:

11	08	21
----	----	----

Permission requested for:

Conference National International FDP STTP Workshop Seminar

Duration: From

15	11	21
----	----	----

 To:

19	11	21
----	----	----

 No. of days:

05

Institution/Organization: New Horizon College of Engineering

Presenting paper in the Conference : Yes No

Title of the Paper _____

Authors: 1 _____ 2 _____ 3 _____

Institution: (_____) (_____)

Conference /FDP/STTP/Workshop/Seminar on subject: Implementation of Emerging waste-to-Energy Technologies: An opportunity & the Challenges on Energy Recovery Systems

No. of programs attended so far from the Date of joining in Nandha: -

Conference FDP STTP Workshop Seminar

No. of programs attended in the current Academic Year: -

Conference FDP STTP Workshop Seminar

Registration Fees : RS _____

TA/DA : RS _____

Date: 17/11/2021

N. Mukilan
Signature

Recommended / Not Recommended

N. Rengarajan
HOD/DEAN

N. Rengarajan
PRINCIPAL

Note: 1. _____ communication from the Organizers



_____ wherever applicable

_____ date must be submitted for having attended the program

_____ Copy of the paper (if available)

N. Rengarajan
Dr. N. Rengarajan, B.Sc., B.Tech., M.E., Ph.D.
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 052.

No: ATAL/2021/1636774988



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that N Mukilan, Assistant Professor of Nandha Engineering College participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Implementation of Emerging Waste-To-Energy Technologies - An Opportunity and The challenges On Energy Recovery Systems" from 15/11/2021 to 19/11/2021 at New Horizon College of Engineering.

Advisor-I, ATAL Academy
Mamta Rani Agarwal



Coordinator



Dr.N.Rengarajan, B.Sc., B.Tech., M.E., Ph.D.,
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 052.