

ORGANIZING COMMITTEE

Patron

Prof. Atal Chaudhuri

Vice-Chancellor, VSSUT Burla

Chairman

Dr. A. K. Nayak

Head, Civil Engineering Department

Coordinators:

Prof. A. N. Nayak and Dr. S. K. Panigrahi

Advisory Committee:

Prof. P.C. Swain

Prof. P.K. Pradhan

Prof. U. R. Jena

Prof. S.S. Das

Prof. S.K. Patro

Prof. J. Rana

Prof. D. Dhapal

Prof. B. B. Panda

Prof. P. Nanda

Prof. P. Dash

Prof. P.K. Hota

Prof. P.K. Das

Prof. S. Panda

Prof. R. Panda

Prof. J. Panda

Prof. P. K. Mall

Prof. A. K. Rath

Prof. P.K. Kar

Prof. J. R. Mohanty

Executive Committee:

Dr. R.K. Panigrahi

Dr. A.K. Kar

Dr. A.K. Kar

Dr. P. Nayak

Dr. B. Nanda

Dr. J. Meher

Dr. R. Dandapat

Mr. A.K. Saha

Mr. A. K. Das

Mr. P.K. Pradhan

Mrs. K. Swain

Dr. R.R. Dash

Dr. D. Giri

Mrs. S. Rath

Mrs. L. Saha

Ms. L. P. Mohanty

Mrs. S. Jena

Ms. J. R. Ojha

Mr. R.L. Saha

Mr. S.K. Sial

Mr. A.K. Das

Ms. K.S. Bhoi

ELIGIBILITY

The program is open to all faculty members of AICTE / UGC affiliated institutions / universities and research scholars, PG students.

No Course fee is required for participants sponsored by AICTE / UGC approved institutions.

Selection and certification criteria:

Selection will be done based on first-cum-first serve basis and the confirmed candidate will be notified on receipt of registration form latest by 13th September 2020. The e-certificates will be issued to those participants who have attended the program with minimum 75% attendance.

IMPORTANT DATES

The last date for receipt of duly filled e-applications in google form link is 13th September, 2020. Intimation of selection of candidature will be communicated through e-mail / WhatsApp by 17th September, 2020.

Guidelines:-

There will be two sessions each day of two hours duration, i.e. from 10.30 AM to 12.30 PM and 3PM to 5 PM.

Registration Link:-

https://docs.google.com/forms/d/e/1FAIpQLSc8hw9Nz7RgNEUjYmVagSati.rhMn5oMri-geo_pmE7Jw/viewform?usp=sp_url

Whatsapp link to join:

<https://chat.whatsapp.com/FHsKHUOfaDC96h9vN9UEI>

SPEAKERS

The lectures in the program will be taken by eminent professors from IISc Bangalore, IIT Bombay, IIT Kharagpur, IIT Delhi, IIT Hyderabad and University of Nebraska.

TEQIP III sponsored
National level
Faculty Development Program on

Emerging Trends in Civil Engineering (ETCE-2020)

14-09-2020 to 18-09-2020

Coordinators

Prof. Amar Nath Nayak

Dr. Saubhagya Kumar Panigrahi



Organized by

DEPARTMENT OF CIVIL ENGINEERING
VEER SURENDRA SAI
UNIVERSITY OF TECHNOLOGY,
BURLA
ODISHA-768018
www.vssut.ac.in

**One Week Online
Faculty Development Program on**

**Emerging Trends in Civil Engineering
(ETCE-2020)**

14th to 18th September, 2020

ABOUT THE DEPARTMENT

The Department of Civil Engineering has been in existence since 1956 and is producing high quality technical manpower needed by industry, R&D organizations, and academic institutions. The departmental activities embrace Planning, Design, Construction and Management. The Department offers B. Tech degree in Civil Engineering and M. Tech. degree in Civil Engineering with five specializations, i.e., Structural Engineering, Geotechnical Engineering, Transportation Engineering, Water Resources Engineering, and Environmental Engineering & Ph.D degree.

Contact for further information:

Contact address:-

Coordinator, "ETCE-2020"

Department of Civil Engineering,

Veer Surendra Sai University of Technology

Burla, Sambalpur-768018, Odisha, India.

Mob: +91-9861238403 / 9861259635

**E-mail: nayakan1964@gmail.com and
sknanigrahal175@gmail.com**

THEME OF THE

FACULTY DEVELOPMENT PROGRAM

The Faculty Development Program encompasses various recent research topics in Civil Engineering covering all the specializations like Structural Engg., Geotechnical Engg., Transportation Engg., Water Resources Engg., and Environmental Engg.

SIGNIFICANCE OF THE

FACULTY DEVELOPMENT PROGRAM

The Faculty Development Program is being organized with an aim to disseminate the recent advances and current trends of research scope in the various areas of Civil Engineering. This will definitely boost the field engineers, researchers, and academicians to adopt the technological advancement in their field, take up the innovative research and develop new technology in order to meet the challenges ahead in Civil Engineering applications.



ABOUT THE UNIVERSITY

The Veer Surendra Sai University of Technology (VSSUT) Odisha was formed by Orissa Act 9 of 2009 by converting University College of Engineering (UCE), Burla to a non-affiliating Unitary University and came into force from 1st day of July 2009. This University is named after legendary Veer Surendra Sai, the great Indian freedom fighter who was born on 23rd January 1809 and sacrificed his life fighting against the British and died in obscurity in Asirgarh Jail on 28th February 1884. Situated at the foothill of world famous Hirakud Dam, the early history of the University is a fascinating chapter in the story of technical education in Odisha.

Established on 12th Aug. 1956, at Burla in the name of University College of Engineering (UCE), the first Engineering College was functioning as a constituent College of Utkal University, Bhubaneswar. The University occupies nearly 300 acres of prime land in Burla, located between 21°30' N, 83°52' E, 21°5' N, 83.87E. It has an average elevation of 173 metres (567 feet). The town lies at one end of Hirakud Dam which is located around 2 km north-west of the town. Burla is well connected to Bhubaneswar, Borsuguda, Raipur and Kolkata with roads and railways. VSS Airport, Bhubaneswada, about 50 km away from VSSUT Burla, is well connected to various parts of the country.

Chief Patron

Prof. Atal Chaudhuri
Vice Chancellor, VSSUT, Burla

Patrons

Prof. U. R. Jena, Dean (CDCE)
Prof. S. Panda, Coordinator, TEQIP-III, cell

Chairman

Prof. U. R. Jena
Head, Department of Physics

Coordinators

Dr. A. K. Pattanaik
Dr. S. K. Patri
Dr. M. P. K. Sahoo

Organizing Committee

Prof. P. R. Das
Prof. M. R. Panigrahi
Dr. G. Nath
Dr. S. Sengupta
Dr. P. L. Praveen
Mr. S. Behera
Dr. S. S. Sarangi
Dr. J. P. S. Virdi
Dr. J. Bhoi
Miss P. Naik

About the University

VSSUT Burla is the premier unitary technical university in the state of Odisha, established in the year 2009 after upgradation of the first engineering college of the state (University College of Engineering, Burla – Estd. 1956). The university is situated at the foot of world famous Hirakud Dam in a beautiful natural surroundings of river, lakes and mountains. VSSUT acts as an academic and research hub by promoting quality technical education for the society in collaboration with closely located reputed educational institutions like Sambalpur University, V S Institute of Medical Sciences & Research and emerging industries like Hindalco, MCL, Vedanta, Bhushan Steel etc. to name a few. The university has more than 15 departments offering 10 B. Tech., 7 M. Tech., 4 M. Sc. programmes in diversified disciplines of engineering and sciences with a special focus on Ph. D. research on emerging and advanced areas. The university has currently 4400+ students, 300+ sanctioned faculty strength, 500+ support staffs and 20000+ graduating students (alumni).

Department of Physics

The Department of Physics started in 1956 from the inception of the university. The department is contributing sincerely and profoundly to the academic and administrative development of the university since its inception. Currently the Department offers four programmes (five years Int. M. Sc., two years M. Sc. in Applied Physics, M. Phil and Ph. D). The department is actively engaged in teaching and frontier areas of research. Thirteen regular faculty members having expertise in various research fields such as Theoretical and experimental Condensed Matter Physics, Nuclear Physics, Plasma Physics, Nonlinear dynamics etc. are actively engaged in academic and research.

TEQIP-III Sponsored one week
Faculty Development Programme
On
**Design and Development of Materials For
Technological Applications (D-MTA)**
21st-26th October 2019

Organized by

Department of Physics



Veer Surendra Sai University of Technology
Siddhi Vihar, Burla,
Odisha – 768018, India
<http://www.vssut.ac.in>

Coordinators

Dr. A. K. Pattanaik
Dr. S. K. Patri
Dr. M. P. K. Sahoo

Objective of the Course

The program is open for the Faculty members of Science and Engineering streams, Research Scholars, and the persons from Industry / R&D organizations. Participants are invited to register by sending the duly filled registration forms enclosed herewith. This FDP aims to foster an interaction with resource persons about the latest developments in relevant areas of teaching and research.

Topics to be covered in the Programme

1. Materials of modern era
2. Synthesis and characterization techniques
3. Challenges in the development and design of materials
4. Recent developments and multidisciplinary research approach on materials

Programme Outcome

This programme aims on providing an overview of synthesis, processing, characterization and development of materials of different forms and also identifies the challenges in the design of materials for different applications through the adaptation of different strategies. The FDP will give an opportunity to interact with the experts from institutes of national and international repute. The participants will get an overall exposure and idea on recent research developments on theoretical and experimental aspects of the material world.

Resource Persons for Faculty Development Programme

The resource persons constitute faculty members from IITs, NITs, Central Institutions and State Universities.

Events of the Faculty Development Programme

- Registration and inaugural function
- 16 Technical sessions
- Q & A sessions with experts
- Certificate distribution and valedictory function

Registration Process

Interested participants from academic and research community are required to submit a filled and signed registration form (soft or hard copy) before **30th September 2019**. There is **No Registration Fee for the FDP**, however the applicant has to submit the registration form in prescribed format along with a demand draft of **INR 500 (Five Hundred only)** in favor of **Coordinator, D-MTA**. This caution deposit fee will be refunded at the end of the FDP. **No refund will be given to the absentees**. Selection will be based on first come first served basis. Selected participants will be intimated through email on or before **8th October 2019**.

Local hospitality will be extended to outstation participants.

Contact Persons:

1. Dr A K Pattanaik
Email: akpattanaik_phy@vssut.ac.in
Mob.: (+91) 9861255915
2. Dr S K Patri
Email: skpatri_phy@vssut.ac.in,
Mob.: (+91) 9438848400
3. Dr M P K Sahoo
Email: mpksahoo_phy@vssut.ac.in
Mob: (+91)7995765320

TEQIP-III Sponsored one week Faculty Development Programme on Design and Development of Materials for Technological Applications (D-MTA 2019) 21st-26th October 2019

Registration Form

1. Name:.....
2. Designation:.....
3. Organization:.....
4. Address for communication:
.....
.....
.....
5. Phone/Mobile:.....
6. E-mail:.....
7. DD No:.....Date:.....
8. Issuing Bank Address:.....

Please register me for the FDP to be held at
VSSUT, Burla during 21st-26th October 2019

Place:

Date:

Signature of the Applicant

Sponsorship Certificate

Prof./Dr//Ms./Mr.....is an
employee of our institute in department ofis
hereby sponsored to attend the course to attend the
FDP, if selected.

Seal Signature of Sponsoring Authority

Patron

Prof. Atal Chaudhuri
Vice Chancellor, VSSUT, Burla

Advisory Committee

Mrs. Upama Kalo, OAS, Registrar
Prof. Amar Nath Nayak, Coordinator (TEQIP)
Prof. Bibhuti Bhusan Pati, Dean (F & P)
Prof. Umaranjan Jena, Dean (CDCE)
Prof. Prakash Chandra Swain, Dean (PGS & R)
Prof. Prasanta Nanda, Head (T & P)
Prof. Sarat Kumar Swain, Dean (AA)
Prof. Sudhanshu Sekhar Dash, Dean (SW)
Prof. Jaya Prakash Panda, Dean (SRIC)

Chairman

Dr. Manas Ranjan Senapati,
Head, Information Technology
Dr. Sucheta Panda,
Head, Computer Application

Coordinator (s)

Dr. Satyabrata Das, Information Technology
Mr. Sanjib Kumar Nayak, Computer Application

Core Organizing Committee

Dr. Pradip Kumar Sahu
Dr. D. Chandrasekhar Rao
Dr. Kshiramani Naik
Dr. Sasmita Acharya
Dr. Bighnaraj Naik
Mr. Kishore Kumar Sahu
Mrs. Sasmita Behera
Mr. Sujaya Kumar Sathua
Mr. Gyanaranjan Shial
Ms. Gargi Bhattacharjee
Mr. Atul Vikas Lakra
Mr. Suresh Kumar Srichandan
Mrs. Etuari Oram

About the University

VSSUT Burla is the premier unitary technical university in the state of Odisha, established in the year 2009 after upgradation of the first engineering college of the state (University College of Engineering, Burla – Estd. 1956). The university is situated at the foot of world famous Hirakud Dam in a beautiful natural surrounding of river, lakes and mountains. VSSUT acts as an academic and research hub by promoting quality technical education for the society in collaboration with closely located reputed educational institutions like Sambalpur University, V S S Institute of Medical Sciences & Research and emerging industries like Hindalco, MCL, Vedanta, Bhushan Steel etc. to name a few. The university has more than 15 departments offering 10 B. Tech., 7 M. Tech., 4 M. Sc. programmes in diversified disciplines of engineering and sciences with a special focus on Ph. D. research on emerging and advanced areas. The university has currently 4400+ students, 300+ sanctioned faculty strength, 500+ support staffs and 20000+ graduating students (alumni).

Department of IT and CA

The Department of IT and CA, VSSUT, Burla were established during 2003 and 1993-94 respectively. Currently, the department offers 7 programmes including B. Tech.in IT, M. Tech. in CIT and ICT, MCA and Ph. D. in CA and IT. The departments are one of the largest in the university with student intake of 500+ and sanctioned faculty strength of 25. Since its inception, the departments have produced 2500+ high quality technocrats serving in reputed industries and R & D organizations spread across the globe. The faculty members and research scholars of the department are pursuing high quality research work in advanced and emerging areas of computer science and information technology. The areas include (but not limited to) cloud and ubiquitous computing, online algorithms, self-organizing data structures, parallel processing, distributed system, internet and quality of service, database security, data mining, soft computing, image processing, fractal study, machine intelligence, emotional intelligent, video processing and software engineering to mention a few.

**TEQIP-III Sponsored Online Faculty
Development Programme (FDP)
On****Emerging Technologies: Theory and
Applications
(ETTA - 2020)**

5th – 10th September 2020

Organized by

Department of IT and CA



Veer Surendra Sai University of Technology
Siddhi Vihar, Burla,
Odisha – 768018, India

<http://www.vssut.ac.in>

Dr. Satyabrata Das
Mr. Sanjib Kumar Nayak
Coordinator (s)

The TEQIP-III Sponsored Online Faculty Development Programme (FDP) On “*Emerging Technologies: Theory and Applications (ETTA - 2020)*” will be held at VSSUT, Burla from 5th – 10th September 2020.

Broad Objectives:

- To promote education, research and training in emerging and recent trends in Internet of things, Cloud and sensor networks, Machine Learning and their applications for the advancement of knowledge and betterment of the society.
- To improve the quality of technical education, research and training in diversified areas of CS & IT.
- To provide facilities and opportunities to inspire graduate, post-graduate, Ph. D. scholars and faculty members for collaborative research works.
- To devise and implement upgraded advanced courses in the curriculum that are relevant to the changing needs of society and industries.
- To foster co-operation and interaction between the academic/research community with industries to exchange knowledge and information about the latest developments in relevant areas of teaching and research.

Theme of the FDP

The FDP will provide a unique opportunity for participants to understand the recent advances in Internet of things, sensor networks and future challenges for growth and sustainability in the cutting-edge technology with a special focus on the theme **Emerging Technologies**.

Events of the FDP

- Inaugural Ceremony
- 12 technical sessions
- Q & A with experts
- Quiz Test and Valedictory Ceremony

Registration

Interested participants from industry, academic and research community are required to submit online application (Only once) through google form. Link is provided in the next section. **There is no registration fees for the participants.** Selection will be based on first come first served basis. Selected participants are intimated through email on or before 4th September 2020, 12.00 P.M.

Resource Persons for the FDP

1. Prof. P. K. Jana, IIT (ISM), Dhanbad
2. Prof. P. Radha Krishna, NIT, Warangal
3. Dr. B. D Sahoo, NIT, Rourkela
4. Dr. Munesh Singh, HITDM, Kancheepuram
5. Dr. Nitin Singha, NIT Delhi
6. Dr. Sanjeet Kumar Nayak, Bennett University
7. Dr. Deepak Kumar Nayak, MNIT, Jaipur
8. Dr. Sanjaya Kumar Panda, NIT, Warangal
9. Dr. Sourav Kumar Bhoi, PMEC, Berhampur

TEQIP-III Sponsored Online Faculty Development Programme (FDP) On Emerging Technologies: Theory and Applications (ETTA - 2020)

5th– 10th September 2020

Registration Form

Interested candidates can submit the google online registration form in the link given below.

Only 100 seats are available for the FDP in FCFS mode.

E-certificate will be issued to all the participants who attend all the sessions and score 60% or more in the final exam.

Registration:

Link: shorturl.at/bgKU3



QR Code:

For registration link, you can also scan the above QR Code, if necessary. Please fill the form on or before **4th September 2020, 12.00 P.M.** The details of the workshop can be downloaded from <http://www.vssut.ac.in>

Patron

Prof. Atal Chaudhuri
Vice Chancellor, VSSUT, Burla

Advisory Committee

Smt. Upama Kalo, (Registrar)
Prof. Amar Nath Nayak, Coordinator (TEQIP)
Prof. P. K. Hota, Academic Advisor (TEQIP)
Prof. Bibhuti Bhusan Pati, Dean (F & P)
Prof. Sarat Kumar Swain, Dean (AA)
Prof. Sudhanshu Sekhar Das, Dean (SW)
Prof. Uma Ranjan Jena, Dean (CDCE)
Prof. Prakash Chandra Swain, Dean (PGS & R)
Prof. Jayaprakash Panda, Dean (SRIC)
Prof. Prasant Nanda, Head (T & P)

Chairman

Dr. Achyut panda
H.O.D, Dept. of Chemical Engg.

Convener

Dr. Krushna Prasad Shadangi
Ms. Nivedita Patel

Core Organizing Committee

Dr. Lipika parida
Mr. Amit Kumar Behera
Mr. Veda Prakash
Mr. Anil Kumar Murmu

About the University

VSSUT Burla is the premier unitary technical university in the state of Odisha, established in the year 2009 after upgradation of the first engineering college of the state (University College of Engineering, Burla –Estd. 1956). The university is situated at the foot of world famous Hirakud Dam in a beautiful natural surroundings of river, lakes and mountains. VSSUT acts as an academic and research hub by promoting quality technical education for the society in collaboration with closely located reputed educational institutions like Sambalpur University, VSS Institute of Medical Sciences & Research and emerging industries like Hindalco, MCL, Vedanta, Bhushan Steel etc. to name a few. The university has more than 15 departments offering 10 B. Tech., 7 M. Tech., 4 M. Sc. programmes in diversified disciplines of engineering and sciences with a special focus on Ph. D. research on emerging and advanced areas. The university has currently 4400+ students, 300+ sanctioned faculty strength, 500+ support staffs and 20000+graduating students (alumni).

Department of Chemical Engineering

The department of Chemical Engineering (CHE) at VSSUT Burla, established in 2014, is a unique initiative in the present science and technology education and research scenario of India. At present; the department offers a 4-year undergraduate course and PhD programme in engineering. The department focusses to impart quality education to the students in all areas especially in the modern broad areas such as nanotechnology, green technology, renewable energy, environmental engineering, biochemical engineering, process control, reaction engineering, transfer operations etc. Currently, the focuses of department activities are multi-directional with an emphasis on both research and education.

TEQIP-III Sponsored Faculty Development Programme

On

Water, Energy and Environment (WEE- 2020)

5th Sep. -9th Sep. 2020

Organized by

Department of Chemical Engineering



Veer Surendra Sai University of Technology
Siddhi Vihar, Burla,
Odisha – 768018, India
<http://www.vssut.ac.in>

Conveners

Dr. Krushna Prasad Shadangi
Ms. Nivedita Patel

Objective

The broad objective of the FDP is to provide understanding of different treatment methods, techniques used for Water, Energy and Environment to resolve the critical issues in real world.

This involves

- Fundamental and advanced research on water and waste water treatment, waste to energy conversion techniques including pyrolysis and gasification, industrial waste management and hazardous wastes management.

Resource Persons

- **Prof. Kaustubha Mohanty, IITGuwahati.**
- **Dr. Nabin Kumar Dhal, Chief Scientist, IMMT BBSR.**
- **Prof. Rupam Kataki, Tezpur University**
- **Dr. Manish Kumar, Principal Scientist, IMMT, BBSR**
- **Dr. Prakash Sarangi, Scientist, Central Agricultural University, Imphal**
- **Dr. Ravi Kiran Gollakota, National Yunlin Institute of Science and Technology, DOULIU, Taiwan**
- **Prof. S. Murugan, NIT, Rourkela**
- **Prof. R. B. Panda, VSSUT, BURLA**
- **Prof. R. R. Das, IIT, BBSR**
- **Prof. Soumya Sasmal, NSUT, Delhi**
- **Prof. Manaswini Behera, IITBBSR**

Events of the Workshop

- Registration and inaugural function
- Technical sessions
- Q & A with experts
- Certificate distribution and valedictory function

Registration

No registration fees are charged for the participants. Interested participants from different Institutes, Universities are required to submit a Google form sent to their respective mail ID or can submit the filled and signed registration form (soft copy) in prescribed format mail to the convenors.

Contact

Email: npatel_chemical@vssut.ac.in
kpshadangi_chemical@vssut.ac.in
Mobile: (+91) 9437550678
(+91) 8260557770

TEQIP-III Sponsored Faculty Development Programme On

Water, Energy and Environment

(WEE- 2020)

5th Sep.-9th Sep.2020

Registration Form

1. Name:.....
2. Designation:.....
3. Organization:.....
4. Qualification:.....
5. Gender: Male/Female
6. Address:.....
.....
.....
7. Phone/Mobile:.....
8. E-mail:.....

Place:

Date:

Signature of the Applicant

Please fill the Google form on or before **4th Sep. 2020**. The brochure of the FDP can be downloaded from <http://www.vssut.ac.in>.

Patron

Prof. Atal Chaudhuri
Vice Chancellor, VSSUT, Burla

Advisory Committee

Smt. Upama Kalo, (Registrar)
Prof. A.N. Nayak, Coordinator (TEQIP)
Prof. Bibhuti Bhusan Pati, Dean (F & P)
Prof. Sarat Kumar Swain, Dean (AA)
Prof. Sudhanshu Sekhar Das, Dean (SW)
Prof. Uma Ranjan Jena, Dean (CDCE)
Prof. Prakash Chandra Swain Dean (PGS & R)
Prof. Jayprakash Panda, Dean (SRIC)
Prof. Prasant Nanda, Head (T & P)

Chairman

Dr. B.B. Pani H.O.D, Dept. of MME

Conveners/Coordinators

Mr. Nilakantha Sahu
Mr. Gautam Behera
Dr. Manila Mallik
Ms. Subhadra Sahoo

Core Organizing Committee

Mr. Gautam Behera
Mr. Nilakantha Sahu
Dr. Manila Mallik
Mrs. Subhadra Sahoo
Dr. S.K. Badjena
Mr. Dinesh Kumar Mishra
Dr. Renu Prava Dalai
Mr. Gourahari Behera

About the University

VSSUT Burla is the premier unitary technical university in the state of Odisha, established in the year 2009 after upgradation of the first engineering college of the state (University College of Engineering, Burla – Estd. 1956). The university is situated at the foot of world famous Hirakud Dam in a beautiful natural surroundings of river, lakes and mountains. VSSUT acts as an academic and research hub by promoting quality technical education for the society in collaboration with closely located reputed educational institutions like Sambalpur University, V S S Institute of Medical Sciences & Research and emerging industries like Hindalco, MCL, Vedanta, Bhushan Steel etc. to name a few. The university has more than 15 departments offering 10 B. Tech., 7 M. Tech., 4 M. Sc. programmes in diversified disciplines of engineering and sciences with a special focus on Ph. D. research on emerging and advanced areas. The university has currently 4400+ students, 300+ sanctioned faculty strength, 500+ support staffs and 20000+ graduating students (alumni).

Department of MME

The department of Metallurgy & Materials Engineering (MME) at VSSUT Burla, established in 2013, is a unique initiative in the present science and technology education and research scenario of India. This Department is devoted to the design, creation and fundamental understanding of materials that are capable of enhancing the human experience. At present; the department offers a 4-year undergraduate course and PhD programme in engineering.. Currently, the focuses of department activities are multi-directional with an emphasis on both research and education. Even at its incipient stage, the department has drawn a road map to progress via partnership. Accomplishments in this direction include: (a) Collaboration with the Institute of IITS and NITS; (b) Setting up a collaboration with different government research organization like Defense Research Development Organization and National Metallurgical Laboratory (NML), Jamshedpur; IMMT Bhubaneswar (c) and also collaborating with other metallurgical industries like Steel, Aluminum and Iron to bridge the gap between theoretical knowledge and real world industries requirements.

TEQIP-III Sponsored One-Week online
FDP on
“Current Scenario on Steel Research”
(CSSR - 2020)
7th-11th September 2020

Organized by

**Department of Metallurgical and
Material Engineering**



Veer Surendra Sai University of Technology
Siddhi Vihar, Burla,
Odisha – 768018, India
<http://www.vssut.ac.in>

Mr. Nilakantha Sahu
Mr. Gautam Behera
Dr. Manila Mallik
Mrs. Subhadra Sahoo
Convener/Coordinators

The TEQIP-III Sponsored Workshop On Current “Scenario on Steel Research” (CSSR - 2020)” 7th-11th September 2020 will be held at VSSUT, Burla with the following broad Topics.

- Phase transformation, Structure property correlation, Texture
- Recent steels for power plant and automotive applications
- Fusion welding and solid state welding
- Materials processing and corrosion testing for advanced materials
- Materials characterization using SEM ,TEM,Dilatometer
- Mechanical characterization

Theme of the Workshop

The workshop will provide a unique opportunity for participants to understand the current research on Advanced steel, its Materials Processing and Characterization Techniques

Resource Persons for the Workshop

Dr. S. Das, IIT,KGP
Dr. K. Das, IIT,KGP
Dr. S. Bag, IIT,Guwahati
Dr. S. Mandal, IIT, KGP
Dr. Abhijit Ghosh, IIT, Indore
Dr. Ravi Ranjan, R&D TATA Steel
Dr. Kaustav Barat ,Scientist,CSIR-NAL

Events of the Workshop

- Registration and inaugural function
- 9 technical sessions
- Q & A with experts

Registration

Interested participants from industry, academic and research community are required to submit this google form through this link <https://forms.gle/Gi87bDEJf5ki3aHq6> or scanned this QR Code for registration



On or before 5th Sept. 2020 11.00 P.M.
Selected participants are intimated through email on or before 6th Sept. 2020. **There is no Registration fee.**

Contact

Email: nksahu_mme@vssut.ac.in
gautamiitkgpian@gmail.com
Mob.: (+91) 7894004383
(+91) 7855856611

Patron

Prof. Atal Chaudhuri
Vice Chancellor, VSSUT, Burla

Advisory Committee

Smt. Upama Kalo,(Registrar)
Prof. A.N. Nayak, Coordinator (TEQIP)
Prof. Bibhuti Bhusan Pati, Dean (F & P)
Prof. Sarat Kumar Swain, Dean (AA)
Prof. Sudhanshu Sekhar Das, Dean (SW)
Prof. Uma Ranjan Jena, Dean (CDCE)
Prof. Prakash Chandra Swain Dean (PGS & R)
Prof. Jayprakash Panda (SRIC)
Prof. Prasant Nanda, Head (T & P)

Chairman

Dr. B.B. Pani H.O.D, Dept. of MME

Conveners/Coordinators

Mr. Nilakantha Sahu
Mr. Gautam Behera
Dr. Manila Mallik
Mrs. Subhadra Sahoo

Core Organizing Committee

Mr. Gautam Behera
Mr. Nilakantha Sahu
Dr. Manila Mallik
Mrs. Subhadra Sahoo
Dr. S.K. Badjena
Mr. Dinesh Kumar Mishra
Dr. Renu Prava Dalai
Mr. Gourahari Behera

TEQIP-III Sponsored Faculty Development Programme

on

Advances in Materials & Machining
processes for Recent Industrial
Applications (AMMPRIA-2020)

7th- 11thSeptember, 2020



Coordinators

Dr. Pankaj Charan Jena

Dr. Sudhansu Ranjan Das

Associate Professor

Organized by



Department of Production Engineering
Veer Surendra Sai University of Technology
Burla, Odisha, 768018, India.
www.vssut.ac.in

ELIGIBILITY

The programme is open to all members of AICTE/UGC affiliated Institutions/Universities i.e. Faculty Members, Research Scholars, PG Students.

No course fee is charged for participants sponsored by AICTE/UGC approved institutions.

Selection and Certification Criteria:

Selection will be done based on first-cum-first-serve basis and the confirmed candidate will be notified on receipt of registration form latest by 9th September 2020. An online test will be conducted by the coordinator at the end of the program. The certificates shall be issued to those participants who have attended the program with minimum 80% attendance and scored minimum 60% marks in the test.

IMPORTANT DATES

The last date for receipt of duly filled e-applications in google form link is **5thSeptember, 2020**.

Intimation of selection of candidature will be communicated through e-mail/ WhatsApp by **6thSeptember, 2020**.

Guidelines:-

Session time will be from 10:00 AM to 4:30 PM.

Registration Link:-

https://docs.google.com/forms/d/e/1FAIpQLScrc7jF_qjkU7OFih0CfEegUy4C2xdMNQAaKHHQFO40q5poqg/viewform?vc=0&c=0&w=1&flr=0

SPEAKERS

The course lectures shall be delivered by the faculty members of VSSUT, Burla and eminent speakers invited from NITs, IITs, IMMT, DRDO reputed industries and other premier institutions.

Patron:

Prof. Atal Chaudhuri

Honourable Vice-Chancellor, VSSUT

Co-Patron:

Prof. U. R. Jena Das

Dean, CDCE

Prof. Amarnath Nayak

Coordinator, TEQIP

Advisory committee:

Prof. B. B. Pati, Dean

Prof. S. K. Swain, Dean

Prof. P. C. Swain, Dean

Prof. J. P. Panda, Dean

Chairman:

Dr. Kamal Pal

HOD, Production Engineering

Coordinators:

Dr. Pankaj Charan Jena

Dr. Sudhansu Ranjan Das

Executive committee:

Prof. D. Mishra

Prof. D. Dhupal

Dr. A.K. Rout

Dr. N. K. Kund

Dr. T. R. Mahapatra

Ms. S. Pradhan

Mr. B.K. Barik

Mr. P. Ekka

OBJECTIVE

A good understanding of various newer methodologies and technological aspects of manufacturing and machining processes of engineering materials are essential for the academicians and researchers. Also, accurate modeling of the advanced structures is also very much essential for their optimum design and subsequent manufacturing. The prime objective of the course is to provide basic knowledge and experience to academicians and researchers from different experts to acquire a clear vision on Advances in Materials & Machining processes for Recent Industrial Applications.

The participants will have a comprehensive understanding of processing, modeling engineering materials, advanced manufacturing technologies and optimization.

COURSE CONTENTS

The course content shall be, but not limited to the following:

- ✚ Introduction to advanced Materials: Aluminum, Magnesium, Titanium and Ni/Fe/Co super alloys, CFRP, GFRP etc and industrial applications
- ✚ Characterization: SEM, Electron back scattered diffraction, Microanalysis, Advanced Microscopic Techniques
- ✚ Manufacturing of advanced material structures and optimization.
- ✚ Modeling and simulation in manufacturing processes.
- ✚ Advanced Production technology such as 3D printing, 3D scanner, and industrial Robots.

ABOUT US

Veer Surendra Sai University of Technology (VSSUT), Odisha (formerly known as University College of Engineering (UCE), Burla) was formed by Odisha Act 9 of 2009 by upgrading to a Unitary State University, which came into force from 1st day of July 2009. VSSUT is located at the foothill of famous Hirakud Dam – longest in Asia. Burla is known as Intellectual Capital of Odisha with VSSUT, VSS Institute of Medical Science and Research, Sambalpur University, MCL, WESCO and IIM Sambalpur. It is located 12 KM away from Sambalpur railway station and 3 KM away from Hirakud railway station. VSSUT, Burla has carved a niche for itself among the best technical institutes in India and is a dream institute for many budding engineers.

The University offers B. Tech, M.Tech, Dual Degree, M. Sc, Int. M. Sc., MCA and Ph. Ds. The university is surrounded by a large number of Government, public and private industrial sectors such as OHPC, HINDALCO, NALCO, NTPC, OPTCL, Vedanta Aluminium Ltd. and Bhusan Steel Plant. The institute has an excellent placement record with a number of top ranking companies visiting the campus every year.

One Week Online FDP Programme on

Advances in Materials & Machining processes for Recent Industrial Applications (AMMPRIA-2020)

7th- 11thSeptember, 2020

About the Department

The Production Engineering department was started in the year 1996 and presently is rich heritage of academic excellence, innovative curriculum, effective classroom teaching, application oriented practices, well equipped laboratories and updated workshops, excellent placement record, industry institute interaction and top of the line faculty members with outstanding research abilities. Now, the department of Production runs B. Tech, M.Tech.(Manufacturing Systems Engineering) and Ph.D. Programme.

Contact for further information:

Contact address:-

Coordinator, "AMMPRIA-2020"

Department of Production Engineering,
Veer Surendra Sai University of Technology
Burla, Sambalpur-768018, Odisha, India.
Mob: +91-8249268068 / 9937347205

E-mail: ammpria2020@gmail.com

Patron

Prof. Atal Chaudhuri
Vice Chancellor, VSSUT, Burla

Co-Patrons

Prof. U. R. Jena
Dean, CDCE

Prof. Amarnath Nayak
Coordinator, TEQIP, VSSUT

Advisory Committee

Smt. Upama Kalo, (Registrar)
Prof. Amar Nath Nayak, Coordinator (TEQIP)
Prof. Bibhuti Bhusan Pati, Dean (F & P)
Prof. Sarat Kumar Swain, Dean (AA)
Prof. Sudhanshu Sekhar Das, Dean (SW)
Prof. Uma Ranjan Jena, Dean (CDCE)
Prof. Prakash Chandra Swain, Dean (PGS & R)
Prof. Jayaprakash Panda, Dean (SRIC)
Prof. Prasant Nanda, Head (T & P)

Chairman

Dr. Achyut Kumar Panda

H.O.D, Dept. of Chemical Engg.

Convener

Mr. Amit Kumar Behera
Dr. Lipika Parida

Core Organizing Committee

Dr. Krushna Prasad Shadangi
Ms. N. Patel
Mr. Veda Prakash
Mr. Anil Kumar Murmu

About the University

VSSUT Burla is the premier unitary technical university in the state of Odisha, established in the year 2009 after upgradation of the first engineering college of the state (University College of Engineering, Burla –Estd. 1956). The university is situated at the foot of world famous Hirakud Dam in a beautiful natural surroundings of river, lakes and mountains. VSSUT acts as an academic and research hub by promoting quality technical education for the society in collaboration with closely located reputed educational institutions like Sambalpur University, VSS Institute of Medical Sciences & Research and emerging industries like Hindalco, MCL, Vedanta, Bhushan Steel etc. to name a few. The university has more than 15 departments offering 10 B. Tech., 7 M. Tech., 4 M. Sc. programmes in diversified disciplines of engineering and sciences with a special focus on Ph. D. research on emerging and advanced areas. The university has currently 4400+ students, 300+ sanctioned faculty strength, 500+ support staffs and 20000+graduating students (alumni).



TEQIP-III Sponsored Faculty Development Programme

On

Recent Advances in Nanotechnology, Catalysis and Biochemical Engineering

(RANCBE- 2020)

16th Sep. -20th Sep. 2020

Organized by
Department of Chemical Engineering



Veer Surendra Sai University of Technology
Siddhi Vihar, Burla,
Odisha – 768018, India
<http://www.vssut.ac.in>

Conveners

Mr. Amit Kumar Behera
(Assistant Professor)
Dr. Lipika Parida
(Assistant Professor)

Objective

The broad objective of the FDP is to provide the opportunities to participants to upgrade their understanding of recent advances in Nanotechnology, Catalysis and Biochemical Engineering in different fields with the addition of advancement of science and technology. Keeping in view of the above requirements, a one-week course has been planned to organize by online mode where well experienced academicians, industry personals will be invited to share their knowledge and experience in the above fields. This FDP is also useful for all the level of students (UG, PG and Research scholar), Research scientist and Industrial personals who are working in the area of Nanotechnology, Catalysis and Biochemical Engineering.

Resource Persons

The course lectures shall be delivered by eminent speakers invited from IITs, NITs, and other premier institutions.

Events of the Workshop

- Registration and inaugural function
- Technical sessions
- Q & A with experts
- Certificate distribution and valedictory function

Registration Details

Registration Fee: - There is no registration fee for the programme.

Eligibility:-The programme is open to all members of AICTE/UGC affiliated Institutes/Universities i.e. Faculty Members, Research Scholars, PG/UG Students, industry personnel.

Selection and Certification Criteria:- Selection will be done based on first-cum-first-serve basis and the confirmed candidate will be notified on receipt of registration form latest by 15th September 2020. The total number of seat is limited to 100. An online test will be conducted by the coordinator at the end of the program. The e-certificates shall be issued to those participants who have attended the program with minimum 75% attendance and scored minimum 60% marks in the test.

Important Date: - Last date for submission of application: 14th September 2020

How to Apply:-The participants have to submit duly filled registration form which is also available on the link on or before 14th September 2020.

Guidelines:-Session time will be from 10:00 AM to 5:00PM.

Registration Link:-

https://docs.google.com/forms/d/1lwy03lDMUls4P1_JhGr20U7atMiYN5GTr3-wPK_mMLY/edit?usp=sharing

WhatsApp Group Link:

<https://chat.whatsapp.com/HuqIEGWTwKUIMAc785RCth>

TEQIP-III Sponsored Faculty Development Programme On

**Recent Advances in Nanotechnology,
Catalysis and Biochemical Engineering
(RANCBE- 2020)**

16th Sep. - 20th Sep. 2020

Department of Chemical Engineering

The department of Chemical Engineering (CHE) at VSSUT Burla, established in 2014, is a unique initiative in the present science and technology education and research scenario of India. At present; the department offers a 4-year undergraduate course and PhD programme in engineering. The department focusses to impart quality education to the students in all areas especially in the modern broad areas such as nanotechnology, green technology, renewable energy, environmental engineering, biochemical engineering, process control, reaction engineering, transfer operations etc. Currently, the focuses of department activities are multi-directional with an emphasis on both research and education.

Contact for further Information

Email akbehera_chemical@vssut.ac.in
lparida_chemical@vssut.ac.in

Mobile: (+91) 9438632360
(+91) 9434372432

Patron

Prof. Atal Chaudhuri
Vice Chancellor, VSSUT, Burla

Advisory Committee

Mrs. Upama Kalo, OAS, Registrar
Prof. Amar Nath Nayak, Coordinator (TEQIP-III)
Prof. Bibhuti Bhusan Pati, Dean (F & P)
Prof. Umanjan Jena, Dean (CDCE)
Prof. Prakash Chandra Swain, Dean (PGS & R)
Prof. Sarat Kumar Swain, Dean (AA)
Prof. Sudhanshu Sekhar Dash, Dean (SW)
Prof. Jaya Prakash Panda, Dean (SRIC)
Prof. Prakash Kumar Hota (Professor, EE)
Prof. Debadutta Mishra (Professor, PE)
Dr. Manas Ranjan Kabat (HOD, CSE)
Dr. Sucheta Panda (HOD, CA)

Chairman

Dr. Manas Ranjan Senapati,
HOD, Information Technology

Convener(s)

Dr. Pradip Kumar Sahu
Dr. D. Chandrasekhar Rao

Core Committee

Dr. Pradip Kumar Sahu
Dr. D. Chandrasekhar Rao
Mr. Sanjib Kumar Nayak
Mr. Suresh. Kumar Srichandan

Organizing Committee

Dr. H. S. Behera
Dr. S. Das
Mr. K. K. Sahu
Mrs. S. Behera
Mr. S. K. Sathua
Mr. G. Shial
Ms. G. Bhattacharjee
Mr. A. V. Lakra
Dr. K. Naik
Mr. D.P. Kanungo
Mr. S. Mohapatra

The TEQIP-III Sponsored Online Faculty Development Programme (FDP) On "IoT: Recent Advancements and Applications (IRAA - 2020) will be held at VSSUT, Burla from 15th – 19th September 2020.

Broad Objective

To promote education, research and training in emerging and recent trends in Internet of things, Cyber Physical System, Cloud and Sensor Networks, Machine Learning and their applications for the advancement of knowledge and betterment of the society.

To improve the quality of technical education, research and training in diversified areas of IoT and its associated technology.

To provide facilities and opportunities to inspire graduate, post-graduate, Ph.D. scholars and faculty members for collaborative research works.

To foster co-operation and interaction between the academic & research community with industries to exchange knowledge and information about the latest developments in areas of IoT, Cyber Physical System and Cloud Computing

Theme Of The Workshop

The workshop will provide a unique opportunity for participants to understand the recent advances in Internet of things, cyber physical system, cloud computing and future challenges for growth and sustainability in the cutting-edge technology with a special focus on the theme Recent Advancement of IoT and its applications.

About the University

VSSUT Burla is the premier technical university in the state of Odisha, established in the year 2009 after upgradation of the first engineering college of the state (University College of Engineering, Burla – Estd. 1956). The university is situated at the foot of world famous Hirakud Dam in a beautiful natural surroundings of river, lakes and mountains. VSSUT acts as an academic and research hub by promoting quality technical education for the society in collaboration with closely located reputed educational institutions like Sambalpur University, V S S Institute of Medical Sciences & Research and emerging industries like Hindalco, MCL, Vedanta, Bhushan Steel etc. to name a few. The university has more than 15 departments offering 10 B.Tech., 7 M.Tech., 4 M.Sc. programmes in diversified disciplines of engineering and sciences with a special focus on Ph.D research on emerging and advanced areas. The university has currently 5000+ students, 300+ sanctioned faculty strength, 500+ support staffs and 20000+ graduating students (alumni).

Department of Information Technology

The Department of IT, VSSUT, Burla was established during 2003. Currently, the department offers B. Tech. in IT, M.Tech. in CIT, M.Tech. in ICT and Ph.D programme. The department is having student strength of 300+ and sanctioned faculty strength of 15. Since its inception, the departments have produced 2500+ high quality technocrats serving in reputed industries and R & D organizations spread across the globe. The faculty members and research scholars of the department are pursuing high quality research work in advanced and emerging areas of computer science and information technology. The areas include (but not limited to) cloud and ubiquitous computing, online algorithms, self-organizing data structures, parallel processing, distributed system, internet and quality of service, database security, data mining, soft computing, image processing, fractal study, machine intelligence, emotional intelligent, VLSI, Embedded Systems, video processing and software engineering to mention a few.

Learning Outcomes

After the completion of the course, the participants

- Able design some IOT based prototypes.
- Able to realize the revolution of Internet in Mobile Devices, Cloud & Sensor Networks.
- Able to understand building blocks of Internet of Things and characteristics.
- Able to understand the broad perspective of cloud architecture and model.
- Can apply different cloud programming model as per need.

Events of the FDP

- Inaugural function
- 10 technical sessions
- Q & A with experts
- Quiz Test and valedictory function

Registration

Interested participants from industry, academic and research community are required to submit online application (Only once) through google form. Link is provided in the next section. There is no registration fees for the participants. Selection will be based on first come first served basis. Selected participants are intimated through email on or before 14th September 2020.

Resource Persons for the Workshop

The course lectures shall be delivered by eminent speakers invited from IITs, NITs and other premier institutions of India.

TEQIP-III Sponsored Online Faculty Development Programme (FDP) On IoT: Recent Advancements and Applications (IRAA - 2020)



15th – 19th September 2020

Organized by
Department of Information Technology



Veer Surendra Sai University of Technology
Siddhi Vihar, Burla, Odisha – 768018, India
<http://www.vssut.ac.in>

Dr. Pradip Kumar Sahu
Dr. D. Chandrasekhar Rao
Convener(s)

TEQIP-III
Sponsored

Online Faculty Development Programme (FDP) On IoT: Recent Advancements and Applications (IRAA - 2020)



15th - 19th September 2020

Registration Form

Interested candidates can submit the google online registration form in the link given below.

There is no registration fee for this FDP program.

E-certificate will be issued to all the participants who attend all the sessions and score 60% or more in the final exam.

Registration Link: shorturl.at/chILY

QR Code



Contact Us

Dr. Pradip Ku. Sahu : +91 8328941492
pksahu_it@vssut.ac.in

Dr. D Chandrasekhar Rao : +91 9337724582
dcrao_it@vssut.ac.in

For registration link, you can also scan the above QR Code, if necessary. Please fill the form on or before 13th September 2020. The details of the workshop can be downloaded from <http://www.vssut.ac.in>

**TEQIP-III Sponsored Online Faculty
Development Programme (FDP)**

on

**Recent Advancement in Welding and
Joining Technology**

(RAWJT-2020)

12th – 16th September, 2020



Coordinators

Dr. Pragyan Paramita Mohanty

(Assistant Professor)

Mr. Swagat Dwibedi

(Assistant Professor)

Organized by



**Department of Mechanical Engineering
Veer Surendra Sai University of Technology**

Burla, Odisha, 768018, India.

www.vssut.ac.in

REGISTRATION

Registration Fee: -

There is no registration fee for the programme.

Eligibility: -

The programme is open to all members of AICTE/UGC affiliated Institutes/Universities i.e. Faculty Members, Research Scholars, PG Students.

Selection and Certification Criteria: -

The maximum number of participants is limited to 250 on first come first registered basis and the confirmed candidate will be notified latest by 11th September 2020. The certificates shall be issued to all the active participants.

How to Apply: -

The participants have to submit duly filled registration form which is also available on the link on or before **10th September 2020**.

Registration Link: -

<https://forms.gle/GSqLyVjPT1sWsTuA7>

SPEAKERS

The course lectures shall be delivered by the speakers invited from NITs, IITs, other premier institutions of India and reputed industries.

Patron: -

Prof. Atal Chaudhuri
Vice Chancellor, VSSUT

Co-Patron:

Prof. U. R. Jena

Dean, CDCE

Prof. Amarnath Nayak

Coordinator, TEQIP

Advisory committee:

Prof. B. B. Pati, Dean

Prof. S. K. Swain, Dean

Prof. P. C. Swain, Dean

Prof. J. P. Panda, Dean

Chairman:

Prof. J. R. Mohanty

HOD, Mechanical Engineering

Coordinators:

Dr. Pragyan Paramita Mohanty

Mr. Swagat Dwibedi

Executive committee:

Prof. J. Rana

Dr. B. B. Pani

Dr. P. Dash

Dr. P. Mishra

Dr. D. Mishra

Dr. M. Pradhan

Dr. A. Purohit

OBJECTIVE

The progress of several welding and joining processes is ever increasing with the development of new materials and their application in modern technologies. The micro joining and nano joining is even more challenging area with the development of miniature components. This course is primarily designed from fundamental understanding to the most recent advances in welding and joining technologies. The syllabus is oriented to the advancement of the joining technologies which is different from conventional welding and joining processes. The topics cover almost all the direction of joining technologies and it is blended with fundamental development to the recent technologies. Audience will be able to develop fundamental understanding on different perspective and recent development in this field through the lectures and reinforce their knowledge by solving assignments. This course is presented in a lucid and simplified way to make it enjoyable to the beginners.

COURSE CONTENTS

Some of the major course content shall be: -

- Enrich the ideas for research & innovation in the field of welding and joining technology
- Discussions on product driven applications of welding and joining technology
- Developments in the field of welding and joining
- Highlight the need for interdisciplinary research in the field of welding and joining

ABOUT US

Veer Surendra Sai University of Technology (VSSUT), Odisha (formerly known as University College of Engineering (UCE), Burla) was formed by Odisha Act- 9 of 2009 by upgrading to a Unitary State University, which came into force from 1st day of July 2009. VSSUT is located at the foothill of famous Hirakud Dam – longest in Asia. Burla is known as Intellectual Capital of Odisha with VSSUT, VSS Institute of Medical Science and Research, Sambalpur University, MCL, WESCO and IIM, Sambalpur. The University offers B. Tech, B. Arch, M. Tech, Dual Degree, M. Sc, Int. M. Sc., MCA and Ph. Ds. The university is surrounded by a large number of Government, public and private industrial sectors such as OHPC, HINDALCO, NALCO, NTPC, OPTCL, Vedanta Aluminum Ltd. and Bhusan Steel Plant. The institute has an excellent placement record with a number of top ranking companies visiting the campus every year.



One Week Online FDP Programme on

Recent Advancement in Welding and Joining Technology (RAWJT-2020)

12th-16th September 2020

About the Department

Department of Mechanical Engineering is the first department of its kind in the state of Odisha and was established in 1956 with a vision to develop new ideas in the field of Mechanical Engineering. This department is accredited by AICTE. During last 5 decades, this branch produced high standard self motivated professionals (around 3500) to serve the humanity both nationally and internationally at par excellence.

The department of Mechanical Engineering is well known for its excellence in teaching and research. The faculty members of the department are engaged in state of the art research as well as guiding the Ph.D., M.Tech., and B.Tech. students.

Contact for further information:

Contact address: -

Coordinator, "RAWJT-2020"

Department of Mechanical Engineering,
Veer Surendra Sai University of Technology
Burla, Sambalpur-768018, Odisha, India.

Mob: +91-9337196507/6370155813

E-mail: rawjt2020@gmail.com



DEPARTMENT OF MECHANICAL ENGINEERING Veer Surendra Sai University of Technology

BURLA, ODISHA, 768018, INDIA.

(A Technical University Under State Government of Odisha)

www.vssut.ac.in



Recent Advancement in Welding and Joining Technology

TEQIP - III

Technical Education Quality Improvement Programme

Resources Persons

DAY-1

SESSION - 1



Dr. Swarup Bag
IIT Guwahati

SESSION - 2



Dr. Amitava De
IIT Bombay

DAY-2

SESSION - 1



Dr. Ashish Das
NIT Jamshedpur

SESSION - 2



Dr. Partha Sarathi De
IIT Bhubaneswar

DAY-3

SESSION - 1



Dr. Swarup Bag
IIT Guwahati

SESSION - 2



Dr. Siba Sankar Mahapatra
IIT Kharagpur

DAY-4

SESSION - 1



Dr. Dheerendra Kr. Dwivedi
IIT Roorkee

SESSION - 2



Dr. Yadaiah Nirsanamella
NERIST Arunachal Pradesh

DAY-5

SESSION - 1



Dr. Pankaj Biswas
IIT Guwahati

SESSION - 2



Dr. Amlan Kar
IIT (ISM) Dhanbad

**12th-16th September,
2020**

**SESSION-1 (11:00AM-01:00PM)
SESSION-2 (03:00PM-05:00PM)**

TEQIP-III Sponsored Faculty
Development Programme
on
**Recent Advancement of
Materials and its Application
(RAMA-2020)**
(15th – 19th September, 2020)



Coordinators

Dr. Punyapriya Mishra
(Associate Professor)

Dr. Priyadarshi Tapas Ranjan Swain
(Assistant Professor)

Organized by



Department of Mechanical Engineering
Veer Surendra Sai University of
Technology
Burla, Odisha, 768018, India.
www.vssut.ac.in

REGISTRATION DETAILS

Registration Fee:-

There is no registration fee for the programme.

Eligibility:-

The programme is open to all members of AICTE/UGC affiliated Institutes/Universities i.e. Faculty Members, Research Scholars, PG Students.

Selection and Certification Criteria:-

Selection will be done based on first-cum-first-serve basis and the confirmed candidate will be notified on receipt of registration form latest by 14th September 2020. An online test will be conducted by the coordinator at the end of the program. The certificates shall be issued to those participants who have attended the program with minimum 75% attendance and scored minimum 60% marks in the test.

Important Date:-

Last date for submission of application:
14th September 2020

How to Apply:-

The participants have to submit duly filled registration form which is also available on the link on or before **14th September 2020**.

Guidelines:-

Session time will be from 10:00 AM to 5:00 PM.

Registration Link:-



Link for Registration:-

<https://forms.gle/JiP7gJAAyVSYznDA>

WhatsApp Group Link:

<https://chat.whatsapp.com/LjtKDif91DN8XlzcjYzz1T>

Patron:-

Prof. Atal Chaudhuri
Vice Chancellor, VSSUT

Co-Patron:

Prof. U. R. Jena Das
Dean, CDCE
Prof. Amarnath Nayak
Coordinator, TEQIP

Advisory committee:

Prof. B. B. Pati, Dean
Prof. S. K. Swain, Dean
Prof. P. C. Swain, Dean
Prof. J. P. Panda, Dean

Chairman:

Prof. J. R. Mohanty
HOD, Mechanical Engineering

Coordinators:

Dr. Punyapriya Mishra
Dr. Priyadarshi Tapas Ranjan Swain

Executive committee:

Prof. J. Rana
Dr. C.R Deo
Dr. S. K Sahu
Dr. P. Dash
Dr. A. Mohanty
Dr. D. Mishra
Mr. S. S. Dalai
Mr. L. Das

OBJECTIVE OF THE FDP

The concept of this FDP is offer to provide the opportunities to teaching faculties for teaching and upgrading their in-depth knowledge of advanced materials, recent developments of manufacturing process, characteristics and application in the different fields with the addition of advancement of science and technology. Keeping in view of the above requirements, a one-week workshop course has been planned to organize by online mode where well experienced academicians, industry personals will be invited to share their knowledge and experience in the above fields. This FDP is also useful for all the level of students (UG, PG and Research scholar), Research scientist and Industrial personals who are working the area of Materials and their utilization by which the knowledge of the participants will enrich.

RESOURCE PERSONS

1. Prof. Inderdeep Singh, IIT Roorkee
2. Prof. Prof. Alok Satapathy, NIT Rourkela
3. Prof. Sabu Thomas, Vice Chancellor Mahatma Gandhi University, Kerala
4. Prof. S. S. Mahapatra, NIT Rourkela
5. Dr. Meghanshu Vashista, IIT BHU
6. Dr. Sisir Mantry, Principal Scientist, CSIR-IMMT, Bhubaneswar
7. Dr. Saurav Datta, NIT Rourkela
8. Dr. Sandhyarani Biswas, NIT Rourkela
9. Dr. Kishore Debnath, NIT Meghalaya
10. Dr. Raghavendra Gujjala, NIT, Warangal

ABOUT VSSUT

Veer Surendra Sai University of Technology (VSSUT), Odisha (formerly known as University College of Engineering (UCE), Burla) was formed by Odisha Act- 9 of 2009 by upgrading to a Unitary State University, which came into force from 1st day of July 2009. VSSUT is located at the foothill of famous Hirakud Dam – longest in Asia. Burla is known as Intellectual Capital of Odisha with VSSUT, VSS Institute of Medical Science and Research, Sambalpur University, MCL, WESCO and IIM, Sambalpur. It is located 12 km away from Sambalpur railway station and 3 km away from Hirakud railway station. VSSUT, Burla has carved a niche for itself among the best technical institutes in India and is a dream institute for many budding engineers. The University offers B. Tech, B. Arch, M. Tech, Dual Degree, M. Sc, Int. M. Sc., MCA and Ph. Ds. The university is surrounded by a large number of Government, public and private industrial sectors such as OHPC, HINDALCO, NALCO, NTPC, OPTCL, Vedanta Aluminum Ltd. and Bhusan Steel Plant. The institute has an excellent placement record with a number of top-ranking companies visiting the campus every year.

COURSE CONTENTS

- Advanced Functional Materials
- Smart Materials
- Recent eras of modern manufacturing processes
- Characterization of material
- Engineering applications of advanced engineering materials
- Industry related problems and their solutions.

One Week Online FDP Programme

on

Recent advancement of Materials and it's Application
(RAMA-2020)



15th-19th September 2020

ABOUT THE DEPARTMENT

Department of Mechanical Engineering is the first department of its kind in the state of Odisha and was established in 1956 with a vision to develop new ideas in the field of Mechanical Engineering. This department is accredited by AICTE. During last 5 decades, this branch produced high standard self motivated professionals (around 3500) to serve the humanity both nationally and internationally at par excellence.

The department of Mechanical Engineering is well known for its excellence in teaching and research. The faculty members of the department are engaged in state of the art research as well as guiding the Ph.D., M.Tech., and B.Tech. students.

Contact for further information:

Contact Address:-

Coordinator, "RAMA-2020"

Department of Mechanical Engineering,
Veer Surendra Sai University of Technology
Burla, Sambalpur-768018, Odisha, India.

Mob: +91-9338436223 / 7978537964

E-mail: ptrswain_me@vssut.ac.in

Recent Developments in Environmental Engineering (RDEE-2020)



Registration Details

Registration Fee:-

There is no registration fee for the programme.

Eligibility:-

The programme is open to all members of AICTE/UGC affiliated Institutes/Universities i.e. Faculty Members, Research Scholars, PG Students as well to researchers/officers of research organizations and industries. Selection and Certification Criteria:- Selection will be done based on first-cum-first-serve basis and the confirmed candidate will be notified on receipt of registration form latest by 14th September 2020.

Important Date:-

Last date for filling online form is 14th September 2020

How to Apply:- The participants have to submit duly filled registration form as given below:

<https://forms.gle/UnbH2YgpEGTaYpKa8>

WhatsApp Group Link:

<https://chat.whatsapp.com/JGCiK8AIDQgF89Fy59xVmK>

PATRON

Prof. Atal Chaudhuri
Vice Chancellor, VSSUT

CO-PATRON

Prof. A N Nayak Coordinator, TEQIP
Prof. U. R. Jena, Dean, CDCE

ADVISORY COMMITTEE

Prof. B. B. Pati, Dean FP
Prof. S. K. Swain, Dean AA
Prof. P. C. Swain, Dean PGS&R
Prof. S S Das, Dean SW
Prof. J. P. Panda, Dean SRIC

CHAIRMAN

Dr. A K Nayak, HOD, Civil Engineering

COORDINATOR

Dr. R R Dash

EXECUTIVE COMMITTEE

Dr. R K Panigrahi
Dr. P Nayak
Mr. R L Sahu
Mr. P K Pradhan



TEQIP-III Sponsored
One week Faculty Development
Programme

on

Recent Developments in Environmental
Engineering
(RDEE-2020)

(15th – 19th September, 2020)



Coordinator

Dr. Rakesh Roshan Dash
Associate Professor

Organized by

Department of Civil Engineering,
Veer Surendra Sai University of Technology
Burla, Odisha, 768018, India.
www.vssut.ac.in

OBJECTIVE OF THE FDP

This faculty development programme (FDP) intends to provide a platform for up-gradation of knowledge, skill and intends to provide opportunities for teachers, researcher, students in disciplines of Environmental Science, Engineering & Technology. It will provide an opportunity to acquire knowledge about current technological developments in advanced water and waste water treatment, waste management, utilization of industrial waste, air pollution control techniques and other industry related issues. Keeping in view of the above requirements, a one-week workshop course has been planned to organize by online mode where well experienced academicians and researchers will be invited to share their knowledge and experience in the above fields. This FDP is also useful for all the level of students (UG, PG and Research scholar), Research scientist and Industrial personals who are working the area of Environmental Engineering.

COURSE CONTENT

- Low cost water treatment methods
- Innovations in Waste water treatment
- Solid waste management techniques
- Industrial Waste Management
- Utilization of industrial waste
- Air pollution control techniques
- Urban water supply
- Ground water contamination
- Climate change

RESOURCE PERSONS

Prof. Ajay Kalamadhad, IIT Guwahati
Prof. Babu J. Alappat, IIT Delhi
Prof. Chitta Ranjan Mohanty, PMEC Berhampur
Prof. Chittaranjan Ray, Univ. of Nebraska–Lincoln, USA
Prof. Manaswini Behera, IIT Bhubaneswar
Prof. Munish Chandel, IIT Bombay
Prof. Prasenjit Mondal, IIT Roorkee
Prof. Rajesh R. Dash, IIT Bhubaneswar
Prof. Remya Neelancherry, IIT Bhubaneswar
Dr. P R Rout, INHA University, South Korea

EVENT DETAILS

The events of the online workshop include:

Inaugural Ceremony

Technical sessions (4 hours per day):

10.30 am to 12.30 pm & 3.30 pm to 5.30 pm

Q & A with experts

Quiz Test and Valedictory Ceremony

All the sessions will be conducted ONLINE in Google-meet platform. An online quiz test will be conducted by the coordinator at the end of the program. The E-certificates shall be issued to those participants who have attended the program with minimum 80% attendance and scored minimum 60% marks in the test.

For any queries regarding this programme, please contact: The Coordinator “RDEE-2020” Department of Civil Engineering, Veer Surendra Sai University of Technology Burla, Sambalpur–768018, Odisha, India
Email: rrdash@gmail.com Ph: +91-8280122184/+91-7438804680

ABOUT VSSUT

Veer Surendra Sai University of Technology (VSSUT), Odisha (formerly known as University College of Engineering (UCE), Burla) was formed by Odisha Act 9 of 2009 by upgrading to a Unitary State University. VSSUT is located at the foothill of famous Hirakud Dam – longest in Asia. Burla is known as Intellectual Capital of Odisha with VSSUT, VSS Institute of Medical Science and Research, Sambalpur University, MCL, WESCO and IIM Sambalpur. VSSUT, Burla has carved a niche for itself among the best technical institutes in India. The University offers B. Tech, M.Tech, Dual Degree, M. Sc, Int. M. Sc., MCA and Ph. Ds. The university is surrounded by a large number of Government, public and private industrial sectors such as OHPC, HINDALCO, NALCO, NTPC, OPTCL, Vedanta Aluminium Ltd. and Bhusan Steel Plant. The institute has an excellent placement record with a number of top ranking companies visiting the campus every year.

ABOUT DEPARTMENT

The Department of Civil Engineering has been in existence since 1956 with the inception of VSSUT, BURLA and is producing high quality technical manpower needed by industry, R&D organizations, and academic institutions. The Department offers B.Tech. degree in Civil Engineering and M.Tech. degree in Civil Engineering with five specializations, i.e., Structural Engineering, Geotechnical Engineering, Transportation Engineering, Water Resources Engineering., and Environmental Engineering. Besides this, the department also offers 5 years Dual Degree B.Tech in Civil Engineering and M.Tech. in Structural Engineering and Ph. D degree.

About the Department

The Department of Electrical Engineering, Veer Surendra Sai University of Technology (Formerly University College of Engineering: Burla, Estd-1956), was established since its inception and at present offers the following four years undergraduate programmes, B.Tech + Mtech dual degree, two years Master Degree programmes and Doctoral Degree. It has produced high quality technocrats for the last few decades to cater to the needs of govt. Sector, PSU, industry, R&D organizations, and academic Institutions. The department has been accredited by NBA. The syllabi of the Department are updated with many advanced courses to enable students to keep themselves at par with the cutting edge-technology. The teaching in the department emphasizes on fundamental principles, development of creative thinking and the analytical ability to solve real life problems. The Department also encourages its students to engage in extra-curricular and co-curricular activities, personality development, developing team spirit, and developing organizational skills.

About the Institute

Veer Surendra Sai University of Technology (VSSUT), Burla was formed by Odisha Act 9 of 2009 by converting University College of Engineering (UCE), Burla to a non-affiliating Unitary State University and came into force from 1st day of July 2009. The University has eleven departments covering all the major engineering, science and humanities disciplines, offering B. Tech, B. Arch, M. Tech, M. Sc and Ph. D programmes. It is situated very close to one of the longest earthen dam in the world known as Hirakud Dam. Apart from VSSUT, several renowned educational institutions like Sambalpur University and VIMSAR exist in Burla, small town in the district of Sambalpur. Burla is not only a educational hub but also a industrial township in the western Odisha containing two reputed industries like MCL and HINDALCO. It is well connected by railway network to the rest of India via Sambalpur. The VSSUT campus is about 10 kms from Sambalpur railway station.



**AICTE Sponsored Two Weeks Online
FDP on
Robust and Nonlinear System Dynamics
and Control (RNSDC)
12th – 23rd Dec 2020**



Organized by
Department of Electrical Engineering
Veer Surendra Sai University of Technology

Contact

Dr. Banaja Mohanty, HOD, EE
Dr. Rosy Pradhan, Coordinator

Website: www.vssut.ac.in

About the FDP

Advances in control theory helps modern control engineers to apply array of developed techniques to applications in order to design and fetch the best control performance. Some of such matured control techniques are model-order reduction, robust control, sliding-mode control and multi-agent system. Model-order reduction techniques are useful for analysis and controller design for large-order systems. Robust control, particularly, based on modern control techniques, are used extensively for controller design for various class of systems, e.g. electrical power, mechanical, electromechanical and aerospace systems over the last few decades. As the dynamics of the systems are nonlinear, sliding mode controller plays an essential role for better disturbance free response. Not the least, in recent, multi-Agent Systems (MASs) are more popular due to its powerful models for representing both real-world systems and applications with an appropriate degree of complexity and dynamics.

This FDP on “Robust and Nonlinear System Dynamics and Control” is a platform to discuss various challenges and current advances in the field of Control System and its applications. The objective is to spreading up and updation of knowledge regarding emerging technology on control system among the participant. It is designed with a focus on promoting the research among faculty from engineering institutes and colleges.

Organizers

Patron

Prof. Atal Choudhuri, Vice Chancellor

Co-Patron

Prof. U R Jena, Dean CDCE

Prof. B B Pati, Director, IQAC

Advisory Committee

Prof. S S Dash, Dean Student Welfare

Prof. S K Swain, Dean Academics

Prof. J Panda, Dean SRIC

Prof. P C Swain, Dean PGSR

Prof. P K Hota, VSSUT, Burla

Prof. S Panda, VSSUT, Burla

Prof. R P Panda, VSSUT, Burla

Prof. P K Modi, VSSUT, Burla

Prof. Radhakant Padhi, IISc Bangalore

Prof. B D Subudhi, IIT Goa

Dr. S R Sahoo, IIT Kanpur

Dr. S J Nanda, NIT Jaipur

Prof. S K Jha, NSUT, New Delhi

Dr. Banaja Mohanty, HOD CSE

Dr. M R Kabat, HOD CSE

Coordinator

Dr. Rosy Pradhan

Organizing Committee

Prof. B B Pati

Prof. P K Hota

Prof. P K Modi

Prof. S Panda

Dr. M Tripathy

Dr. B Mohanty

Dr. P Ray

Mr. B Rana

Dr. B D Rout

Mrs. M Mishra

Dr. D K Lal

Dr. R C Prusty

Dr. R Pradhan

Dr. R K Samal

Mrs. D Mohanty

Mrs. N Saha

Mrs. B Soreng

Mrs. P Mohanty

Mr. Amit Mallick

Mr. P Pratik

Mrs. S Rout

Dr. J K Pradhan

Mr. S K Achary

Mrs. B Bhoi

Mr. R Ganesh

Mr. S P Tripathy

Mr. D K Biswal

Mr. S K Jena

Mr. S K Behera

Mr. A K Sahoo

Registration Details

No Registration Fee

Number of participants are limited to 50
Registrations will be closed by 11:00 PM on
10-12-2020

Webinar links will be shared on 11-12-2020

The Link for registration is

<https://forms.gle/Rsx4TMNZC67ifErN9>

E-Certificate will be issued to participants
who will attend for all the sessions.



**ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
SUSTAINABLE COMPUTING & APPLICATIONS IN SMART CITIES**



(6th December 2021 – 15th December 2021)

**Organized by
E & ICT Academy, NIT Warangal, Telangana
in association with
Department of Computer Application, Veer Surendra Sai University of
Technology, Burla - 768018, Odisha**

**Sponsored by
Ministry of Electronics and Information Technology (MeitY), GoI**

Preamble:

“Electronics & ICT Academy” was set up at NIT Warangal with financial assistance from MeitY, GoI. The jurisdiction of this academy is Telangana, Andhra Pradesh, Karnataka, Goa, Puducherry and Andaman & Nicobar Islands. This academy role is to offer faculty development programmes (FDPs) in standardized courses and emerging areas of electronics, information communication technologies, training and consultancy services for Industry, curriculum development for Industry, CEP for working professionals, advice and support for technical incubation and entrepreneurial activities.

This Online FDP is devoted to address the need to enhance the knowledge about the latest development pertaining to **Sustainable Computing and Applications in Smart Cities** is being conducted at **Department of CA, Veer Surendra Sai University of Technology, Burla – 768018, Odisha**. The whole course is handled by academicians and industry experts.

Major Course Contents:

- Sustainable Computing
- Renewable and Non-Renewable Energy
- Climate Change
- Cluster, Grid and Cloud Computing
- Fog and Edge Computing
- Green Computing
- Urban Computing
- Internet of Things
- Artificial Intelligence
- Machine Learning
- Deep Learning
- Data Science
- Big Data Analytics
- Soft Computing
- Safety, Security and Trustworthiness
- Cyber Security
- Data Governance and Ownership
- Open Innovation and Standards
- Smart Cities
- Energy-Aware Systems
- Smart Infrastructures and Smart Buildings
- Smart Grids
- Blockchain
- 5G
- Wireless Sensor Networks
- Signal and Image Processing
- Case Studies on Sustainable Computing
- Case Studies on Smart Cities

Faculty conducting this programme:

The programme will be conducted by the faculty members from Veer Surendra Sai University of Technology, Burla – 768018, Odisha and NIT Warangal. Academicians in the concerned field from IITs/NITs/IITs/IISERS/NISERS/Abroad are invited to deliver lectures in the programme. Speakers from industries are also expected to deliver as part of the course.

Eligibility:

The program is open to the faculty of engineering colleges, MCA colleges and other allied disciplines in India. Industry personnel working in the concerned/allied discipline can also attend.

Registration Fee Particulars:

Faculty and Research Scholars	Rs. 750/-
Industry Participants	Rs. 2250/-

Participants need to pay the registration fee online using the following details

Online Transfer Details
Account Name: Electronics & ICT Academy NITW
Account No: 62423775910
IFSC: SBIN0020149

How to apply:

Participants are required to fill the online registration form by clicking on the following link:

<https://forms.gle/gW5z3DrkWAkv8KHj9>

Selection Criteria:

Selection will be done based on first-come-first-serve basis to a maximum number of 100 (hundred). The list of selected participants will be intimated through e-mail. In case a candidate is not selected, the DD/online payment will be sent back. Candidates will be issued satisfactory certificates on successful completion of the course. Reservations are followed for selecting candidates as per GoI norms.

Important dates:

Last date for submission of Application	30 / 11 / 2021 (11:59 PM)
Selection List by E- mail	01 / 12 / 2021 (11:59 AM)
Duration	06 / 12 / 2021 (Monday) to 15 / 12 / 2021 (Wednesday)

About Veer Surendra Sai University of Technology, Burla:

Veer Surendra Sai University of Technology (VSSUT), Burla, formerly known as the University College of Engineering (UCE), Burla, is a State Govt. Unitary University located in Burla, Sambalpur, Odisha. Established in 1956, it is the oldest engineering college in Odisha. UCE Burla, its former name, was officially changed to its current name on 12 February 2009, as a result of a resolution by the Govt. of Odisha to accord it with the status of a unitary university. VSSUT was declared to be eligible to receive central assistance under Section 12B of the UGC Act in 2012.

About NIT Warangal:

National Institute of Technology, Warangal is the first among 17 RECs setup as joint venture of the Government of India and the state government. Over the years the college has established itself as a premier Institute imparting technical education of a very high standard leading to the B.Tech. degrees in various branches of engineering, M. Tech. and Ph. D. programs in various specializations. All B. Tech. and M. Tech. programmes of NIT Warangal are NBA accredited.

Coordinator(s):

Mr. Sanjib Kumar Nayak Dept. of CA, VSSUT, Burla Email: sknayak_ca@vssut.ac.in Mobile: +91-8249715656	Dr. Sanjaya Kumar Panda Dept. of Computer Sc. & Engg. NIT Warangal Email: sanjaya@nitw.ac.in Mobile: +91-7978685893
--	--



**ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
SUSTAINABLE COMPUTING & APPLICATIONS IN SMART CITIES**



(6th December 2021 – 15th December 2021)

**Organized by
E & ICT Academy, NIT Warangal, Telangana
in association with
Department of Computer Application, Veer Surendra Sai University of
Technology, Burla - 768018, Odisha
Sponsored by
Ministry of Electronics and Information Technology (MeitY), GoI**

1. Name :
2. Designation :
3. Institution :
4. Email :
5. Reference No: Bank: Date: Amount:
6. Address for Correspondence:

7. Educational Qualification:
8. Subjects taught so far:
9. No. of refresher courses/workshops attended:
10. Experience (in years): Teaching: Research: Industry:
11. Do you belong to SC/ST : YES / NO

DECLARATION

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the Online FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the Coordinator in case, I am unable to attend the course.

Signature of the Applicant

SPONSORSHIP CERTIFICATE

Dr. /Mr. /Ms. is an employee of our Institute/Organization and is hereby sponsored to participate in the Online FDP on “Sustainable Computing and Applications in Smart Cities”, sponsored by Electronics & ICT Academy during 6th December 2021 – 15th December 2021 at NIT Warangal.

**Signature of Head of Institution
(with seal)**

Address for correspondence

(Post your application form) at

**Dr. Sanjaya Kumar Panda
Assistant Professor
Dept. of CSE
National Institute of Technology
Warangal – 506004
Telangana, India**

Patron:

Prof. Banshidhar Majhi
Vice Chancellor, VSSUT

Co-Patrons:

Prof. P.R. Das
Dean, CDCE, VSSUT

Advisory Committee:

Prof. B. B. Pati, Director IQAC
Prof. D. Mishra, Dean Academic
Prof. S. Panda, Dean PGS & R
Prof. S. Patra, Dean Students' Welfare
Prof. J. P. Panda, Dean SRIC

Chairman:

Prof. J.R. Mohanty
H.O.D., Mechanical Engineering

Coordinators:

Dr. Chitta Ranjan Deo

Co-Coordination:

Dr. S. K. Sahu
Dr. B. R. Jali
Dr. L. Das

Executive committee:

Prof. J. Rana
Dr. B. B. Pani
Dr. P. Dash
Dr. P. Mishra
Dr. K. K. Ekka
Mr. J. B. Lakra
Mr. L. Das
Mr. S. Dalai

ABOUT US

Veer Surendra Sai University of Technology (VSSUT), Odisha (formerly known as University College of Engineering (UCE), Burla) was formed by Odisha Act 9 of 2009 by upgrading to a Unitary State University, which came into force from 1st day of July 2009. VSSUT is located at the foothill of famous Hirakud Dam – longest in Asia. Burla is known as Intellectual Capital of Odisha with VSSUT, VSS Institute of Medical Science and Research, Sambalpur University, MCL, WESCO and IIM Sambalpur. It is located 12 KM away from Sambalpur railway station and 3 KM away from Hirakud railway station. VSSUT, Burla has carved a niche for itself among the best technical institutes in India and is a dream institute for many budding engineers. The University offers B. Tech, M.Tech, Dual Degree, M. Sc, Int. M. Sc., MCA and Ph. Ds. The university is surrounded by a large number of Government, public and private industrial sectors such as OHPC, HINDALCO, NALCO, NTPC, OPTCL, Vedanta Aluminium Ltd. and Bhusan Steel Plant. The institute has an excellent placement record with a number of top ranking companies visiting the campus every year.

The Mechanical Engineering department was started in the year 1956 and presently is rich heritage of academic excellence, innovative curriculum, effective classroom teaching, application-oriented practices, well equipped laboratories and updated workshops, excellent placement record, industry institute interaction and top of the line faculty members with outstanding research abilities. Now, the department runs B. Tech, M. Tech. and Ph.D. Programme.

**AICTE Training and Learning
(ATAL) Academy sponsored**



**5 Days On-line
Faculty Development Program (FDP)
on
Recent Advancement in Manufacturing
Processes (RAMP-2021)**

During

27th - 31th December 2021

Coordinator

Dr. C.R. Deo, Associate Professor

Co-Coordination

Dr. S. K. Sahu, Assistant Professor
Dr. B. R. Jali, Asst. Professor (Chemistry)

Dr. L. Das, Assistant Professor

Organized by



**Department of Mechanical Engineering
Veer Surendra Sai University of Technology
Burla, Odisha, 768018, India.
www.vssut.ac.in**

ABOUT ATAL ACADEMY

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.

OBJECTIVE

The concept of continuous development is the present trends in every field of science and technology to survive and grow in this competitive world. Accordingly, there is continuous development especially in the field of materials and manufacturing to meet the challenges faced by the present industries. Moreover, there is also drastic change in the field of management since the development of the concept of Total Quality Management (TQM) in 1970 by Japan. Hence it is very much essential for both the academicians and researchers to be well aware of latest development in the field of optimization technique to find out the best optimal parameter can lead towards improvement of overall process efficiency. Keeping in view of the above requirements, a one week workshop course has been planned to organize in the VSSUT campus where well experienced academicians, industry personals will be invited to share their knowledge and experience in the above fields. This workshop aims to enlighten the clear vision of the diverse optimization technique through lectures and hand on practice by which the knowledge of the participants will enrich.

COURSE CONTENT

Some of the major course content shall be:-

- Recent eras of modern manufacturing processes
- Manufacturing, Characterization & applications
- Fundamental of experimental design, analysis tools and technique.
- Recent optimization techniques for process optimization.
- Industry related problems and their solutions.
- Recent developed in advanced material science .

EVENT DETAILS

The events of the online seminar include:

- ❖ Inaugural Ceremony
- ❖ 10 Technical sessions @ 2 hours/session
- ❖ Q & A with experts
- ❖ Quiz Test and Valedictory Ceremony
- ❖ All the sessions will be conducted **ONLINE** platform.
- ❖ A test will be conducted by the coordinator at the end of the program.
- ❖ Certificates shall be issued by the ATAL Academy to participants who have attended the program with minimum 80% attendance and scored minimum 60%

RESOURCE PERSONS

Academicians from premier institution like IITs, NITs, IISc, Universities, and experts from Industries as well as R&D Organizations having expertise in engineering domain are invited as Resource Person for this program.

IMPORTANT GUIDELINES

- ✦ Faculty members of the AICTE approved institutions, Research scholars, PG Scholars, participants from Government, Industry (Bureaucrats/ Technicians Participants from Industry etc.) and staff of host institutions are eligible to apply for the FDP.
- ✦ Not more than 30% Faculties/research/PG scholar should be from Host Institution.
- ✦ There is no registration fee for the participants.
- ✦ Interested participants from industry, academic and research community are required to register compulsorily in the following link:
<https://www.aicte-india.org/atal> Or
<https://atalacademy.aicte-india.org/signup>
- ✦ Seats are limited (maximum 200) and the participants are selected by organizers on first come first serve basis.
- ✦ Last date of registration:20th December 2021

CONTACT DETAILS

For any queries regarding this programme, please contact:

The Coordinators ATAL FDP
Department of Mechanical Engineering,
Veer Surendra Sai University of Technology
Burla, Sambalpur-768018, Odisha, India

Email: crdeo_me@vssut.ac.in
chittadeo@gmail.com

Ph: +91-7008423282/
+91-9437122252



AICTE Training and Learning (ATAL) sponsored 5 Days Faculty Development Program (FDP) on Recent Advancement in Manufacturing Processes (RAMP-2021) from 27th – 31th December, 2021

Google meet link: <https://meet.google.com/wip-xeod-hru>

Date	Session 1(10.00-11.30AM)	Session 2 (11.30-1.00PM)		Session 3 (3.00-4.30pmPM)	
27/12/2021	Inauguration 10.00AM -11.00AM)	[Lec-1] Recent Advancement in Additive Manufacturing Prof. Siba Sankar Mahapatra, NIT,Rourkela	L U N C H B R E A K	[Lec-2] Introduction to Welding Process Prof. Ram Naresh Rai, NIT, Agartala	
28/12/2021	[Lec-3] Glass micromachining by Electrochemical Discharge Machining Dr. Pradeep Dixit, IIT Bombay	[Lec-4] Tribology of Metal Matrix Composites Prof. Prasanta Sahoo, Jadavpur University		[Lec-5] Recent Advances in Laser Beam Machining Prof. Biswanath Doloi, Jadavpur University	
29/12/2021	[Lec-6] Micro Manufacturing Dr. Soumya Gangopadhyay, IIT Bhilai	[Lec-7] Recent Advances and Perceptive Insights into Powder-Mixed Dielectric Fluid of EDM Dr. Santosh Kumar Sahu, VSSUT. Burla		[Lec-8] Electrochemical Machining to create Micro tool electrodes Dr. Pradeep Dixit, IIT Bombay	
30/12/2021	[Lec-9] An Exemplary Approach for Production of Multiple Miniature Features at a Stretch using a Single Energy Source based Modern Manufacturing Process Dr. Ranjeet Kumar NITK Surathkal	[Lec-10] Solving the Multi-Objective Problem when Machining In Electro Chemical Machining Dr. Chittaranjan Deo, VSSUT, Burla		[Lec-11] Crossover Processes- Hybrid Machining. Prof. Dipankar Bose, NITTR Kolkata	
31/12/2021	[Lec-12] Fuzzy Logic and its application Dr. Sudhansu Sekhar Panda, IIT Patna	[Lec-13] Genesis of Manufacturing Systems Prof. Bijan Sarkar, Jadavpur University		[Lec-14] Stress Management Prof.Alok.Satapathy, NIT,Rourkela	Valedictory Function (4.30 PM - 5.15PM)



**ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
SUSTAINABLE COMPUTING & APPLICATIONS IN SMART CITIES**



(7th February 2022 – 16th February 2022)

Organized by
E & ICT Academy, NIT Warangal, Telangana
in association with
**Department of Computer Application, Veer Surendra Sai University of
Technology, Burla - 768018, Odisha**
Sponsored by
Ministry of Electronics and Information Technology (MeitY), GoI

Preamble:

“Electronics & ICT Academy” was set up at NIT Warangal with financial assistance from MeitY, GoI. The jurisdiction of this academy is Telangana, Andhra Pradesh, Karnataka, Goa, Puducherry and Andaman & Nicobar Islands. This academy role is to offer faculty development programmes (FDPs) in standardized courses and emerging areas of electronics, information communication technologies, training and consultancy services for Industry, curriculum development for Industry, CEP for working professionals, advice and support for technical incubation and entrepreneurial activities.

This Online FDP is devoted to address the need to enhance the knowledge about the latest development pertaining to **Sustainable Computing and Applications in Smart Cities** is being conducted at **Department of CA, Veer Surendra Sai University of Technology, Burla – 768018, Odisha**. The whole course is handled by academicians and industry experts.

Major Course Contents:

- Sustainable Computing
- Renewable and Non-Renewable Energy
- Climate Change
- Cluster, Grid and Cloud Computing
- Fog and Edge Computing
- Green Computing
- Urban Computing
- Internet of Things
- Artificial Intelligence
- Machine Learning
- Deep Learning
- Data Science
- Big Data Analytics
- Soft Computing
- Safety, Security and Trustworthiness
- Cyber Security
- Data Governance and Ownership
- Open Innovation and Standards
- Smart Cities
- Energy-Aware Systems
- Smart Infrastructures and Smart Buildings
- Smart Grids
- Blockchain
- 5G
- Wireless Sensor Networks
- Signal and Image Processing
- Case Studies on Sustainable Computing
- Case Studies on Smart Cities

Faculty conducting this programme:

The programme will be conducted by the faculty members from Veer Surendra Sai University of Technology, Burla – 768018, Odisha and NIT Warangal. Academicians in the concerned field from IITs/NITs/IITs/IISERS/NISERS/Abroad are invited to deliver lectures in the programme. Speakers from industries are also expected to deliver as part of the course.

Eligibility:

The program is open to the faculty of engineering colleges, MCA colleges and other allied disciplines in India. Industry personnel working in the concerned/allied discipline can also attend.

Registration Fee Particulars:

Faculty and Research Scholars	Rs. 750/-
Industry Participants	Rs. 2250/-

Participants need to pay the registration fee online using the following details

Online Transfer Details	
Account Name: Electronics & ICT Academy NITW	
Account No: 62423775910	
IFSC: SBIN0020149	

How to apply:

Participants are required to fill the online registration form by clicking on the following link:

<https://forms.gle/gW5z3DrkWAkv8KHj9>

Selection Criteria:

Selection will be done based on first-come-first-serve basis to a maximum number of 100 (hundred). The list of selected participants will be intimated through e-mail. In case a candidate is not selected, the DD/online payment will be sent back. Candidates will be issued satisfactory certificates on successful completion of the course. Reservations are followed for selecting candidates as per GoI norms.

Important dates:

Last date for submission of Application	05 / 02 / 2022 (11:59 PM)
Selection List by E- mail	05 / 02 / 2022 (11:59 AM)
Duration	07 / 02 / 2022 (Monday) to 16 / 02 / 2022 (Wednesday)

About Veer Surendra Sai University of Technology, Burla:

Veer Surendra Sai University of Technology (VSSUT), Burla, formerly known as the University College of Engineering (UCE), Burla, is a State Govt. Unitary University located in Burla, Sambalpur, Odisha. Established in 1956, it is the oldest engineering college in Odisha. UCE Burla, its former name, was officially changed to its current name on 12 February 2009, as a result of a resolution by the Govt. of Odisha to accord it with the status of a unitary university. VSSUT was declared to be eligible to receive central assistance under Section 12B of the UGC Act in 2012.

About NIT Warangal:

National Institute of Technology, Warangal is the first among 17 RECs setup as joint venture of the Government of India and the state government. Over the years the college has established itself as a premier Institute imparting technical education of a very high standard leading to the B.Tech. degrees in various branches of engineering, M. Tech. and Ph. D. programs in various specializations. All B. Tech. and M. Tech. programmes of NIT Warangal are NBA accredited.

Coordinator(s):

Mr. Sanjib Kumar Nayak Dept. of CA, VSSUT, Burla Email: sknayak_ca@vssut.ac.in Mobile: +91-8249715656	Dr. Sanjaya Kumar Panda Dept. of Computer Sc. & Engg. NIT Warangal Email: sanjaya@nitw.ac.in Mobile: +91-7978685893
--	--



**ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
SUSTAINABLE COMPUTING & APPLICATIONS IN SMART CITIES**



(7th February 2022 – 16th February 2022)

Organized by
E & ICT Academy, NIT Warangal, Telangana
in association with
**Department of Computer Application, Veer Surendra Sai University of
Technology, Burla - 768018, Odisha**
Sponsored by
Ministry of Electronics and Information Technology (MeitY), GoI

1. Name :
2. Designation :
3. Institution :
4. Email :
5. Reference No: Bank: Date: Amount:
6. Address for Correspondence:
7. Educational Qualification:
8. Subjects taught so far:
9. No. of refresher courses/workshops attended:
10. Experience (in years): Teaching: Research: Industry:
11. Do you belong to SC/ST : YES / NO

DECLARATION

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the Online FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the Coordinator in case, I am unable to attend the course.

Signature of the Applicant

SPONSORSHIP CERTIFICATE

Dr. /Mr. /Ms. is an employee of our Institute/Organization and is hereby sponsored to participate in the Online FDP on “Sustainable Computing and Applications in Smart Cities”, sponsored by Electronics & ICT Academy during 7th February 2022 – 16th February 2022 at NIT Warangal.

**Signature of Head of Institution
(with seal)**

Address for correspondence

(Post your application form) at

Dr. Sanjaya Kumar Panda
Assistant Professor
Dept. of CSE
National Institute of Technology
Warangal – 506004
Telangana, India