

Objective:

Keeping all the factors in mind a five day FDP is designed on "Recent Advances in Mechanical Engineering" to import knowledge and scientific advancements in various domains.

Course Content:

The content of the program will include but not limited to

- ❖ Applications of AI / Machine learning in Mechanical Engineering
- ❖ MATLAB
- ❖ CAD / CAM
- ❖ Tribology
- ❖ Computational Mechanics
- ❖ Nano Technology
- ❖ Composite Materials
- ❖ Advance Welding Technology
- ❖ Power Plant Engineering
- ❖ FEM
- ❖ Application of Signal Processing
- ❖ Renewable Energy
- ❖ Recent Advances in Casting

Possible Resource Persons:

Prof. S.P. Tewari- IIT BHU Varanasi
Prof. S.K. Singh- IIT BHU Varanasi
Prof. Sandeep Kumar- IIT BHU Varanasi
Prof. S.P.Pandey- REC Azamgarh
Prof. K.N.Pandey- MNNIT Allahabad
Dr Amit Tyagi IIT BHU Varanasi
Dr. V.R. Komma MNNIT Allahabad
Dr D. Khan, IIT BHU Varanasi
Dr. A.K. Upadhyay MNNIT Allahabad
Dr Akhilesh Mishra, REC Ambedkar
Dr H.D. Ram, KNIT Sultanpur
Dr A.K. Chauhan, KNIT Sultanpur

Important Dates:

Last Date of Registration: 2th
November, 2019.

Eligibility for participation:

- Faculty members from various Educational Institutes,
- Professionals from various Research Organization and Industries,
- Research Scholars

Patron:

Prof. (Dr.) Raja Ram Yadav, Vice Chancellor, V.B.S.P.U. Jaunpur

Convenor:

Dr. Sandip Kumar Singh, Associate Professor, MED, V.B.S.P.U. Jaunpur

Co-convenor:

Dr. Hemant Kumar Singh, Assistant Professor, MED, V.B.S.P.U. Jaunpur
Dr. Deep Prakash Singh, Assistant Professor, MED, V.B.S.P.U. Jaunpur

Organizing Committee:

Mr. Navin Chaurasiya, Assistant Professor, MED, V.B.S.P.U. Jaunpur
Mr. Ankush Gaurav, Assistant Professor, MED, V.B.S.P.U. Jaunpur

Contact:

Dr. Sandip Kumar Singh, Associate Professor and Head, MED, VBSPU (8005170992)

Dr. Hemant Kr. Singh, Assistant Professor, MED, UNSIET VBSPU (7905697896)

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Veer Bahadur Singh Purvanchal University, Jaunpur, UP

Uma Nath Singh Institute of Engg & Technology



Technical Education Quality Improvement Programme

Faculty Development Program

Recent Advances in Mechanical Engineering

November 06-10, 2019



Organized by:

Department of Mechanical Engineering,
Uma Nath Singh Institute of Engineering & Technology,
V.B.S. P.U., Jaunpur, UP

Registration Process:

Interested faculty members from various colleges, Institutes, persons from industries and R & D Organizations, PG and Ph.D. students are requested to fill up the attached application form and return it to the Coordinators, so as to reach on or before Oct., 30th, 2019.

You can also send the registration form directly to the mentioned e-mail (mech.departmentvbpu@gmail.com)

Registration Fees.

No Fee for TEQIP-III sponsored institutions. Fee chargeable from rest of the institutes/establishments will be Rs.2000/-

Accommodation and Travel:

All the outstation participants will be provided accommodation in college Guest House or Hostels on first come first serve basis. The number of seats in Guest House is very limited.

Note: No TA & DA will be paid to the participants. However, participants from TEQIP-III sponsored institutes can claim their TA & DA from their respective institutes through TEQIP-III.

About Jaunpur

Jaunpur is centrally situated with the big cities of Uttar Pradesh like Allahabad, in close vicinity of Varanasi, Gorakhpur and Lucknow. It has been a seed of education since medieval, which has been the centre of art, music and culture and is proud of contributing large number of civil servants to the country. Jaunpur is very well connected with Railway and Air. The Institute is situated at Jaunpur-Shahganj Road.

About V.B.S. Purvanchal University

Purvanchal University, Jaunpur renamed as Veer Bahadur Singh Purvanchal University in the honour of late Shri Veer Bahadur Singh, former Chief Minister of the state, was established on 2nd October 1987 as an affiliating university under U.P. state university act 1973. The Veer Bahadur Singh Purvanchal University was established in 1987 to tell the need of

higher education in this remote part of country currently affiliating more than 800 degree colleges. New Addition to the campus has been starting of Professor Rajendra Singh (Rajju Bhaiya) Institute of Physical Sciences for study and research, where postgraduate programs, Physics, Chemistry, Mathematics and Geology are running very successfully since last session.

New centers of research in nanotechnology and renewable energy are also been established. New centre in traditional Indian science and technology is also in the process of establishment. University currently has a grant ambience and new overhauling infrastructure which is attracting placements in reputed companies across the country. More than 2000 students have been placed in the reputed companies during last two sessions.

About Uma Nath Singh Institute of Engineering and Technology

The Uma Nath Singh Institute of Engineering and Technology started imparting teaching in the year 1997. Initially the institute launched its academic activities with strength of 100 students. In the year 2002, the institute raised the annual intake from 100 to 360. The institute in a very short span of time established all the facilities to impart effective education to students. The institute boasts of having adequate numbers of faculty members with other required facilities like the Computer centre, Fiber optics Laboratory, Microwave Laboratory, Instrumentation facilities, language lab, Computer labs, and Mechanical workshop.

About Mechanical Engineering Department

The Department was established in 1997 to cater to the needs of B. Tech 1st year students of other engineering disciplines. It started its own B. Tech degree course in 2002 with an intake of 60 students. The Department is honored with the affirmation of higher rankers of UPSEE (Entrance Test) for the last few years. The Department is fully equipped laboratories to meet the requirements of B.Tech course. The Fourteen batches have already passed with good placements and many have

qualified GATE and CAT examinations consistently to continue higher studies for post-graduation from various IIT's, IIM's, NIT's and other reputed institutes. The Department started a postgraduate program (M. Tech.) in Thermal Engineering this year. The curriculum of the department is so designed that the students could be offered the updated and refreshed knowledge in conformance with the rapid changes in technology and industrial requirement. The department is vested with highly qualified and experienced faculties, the greater part of those are a product of engineering college of very high repute such as IIT's, IIIT's, NIT's and other reputed engineering institutes of national and international fame. An 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 is also reflected in our campus placement in which a good number of our students getting placed in the top industrial organizations. The Department has been indulging in organizing various curricular and extracurricular activities (Workshops, Conferences etc.) frequently volunteered by our students under the guidance of faculty members of the Departments.

The Department is equipped with adequate numbers of high end computers having high speed internet connection with optical fiber broad band connection in the campus. Department is equipped with audio visual facilities for catering effective education. Laboratories are supported by desired software's. Various expansion activities are in the pipeline towards strengthening, library, laboratory, computing facility, classroom modernization, and Departmental auditoriums and building spaces. The department has also introduced Ph. D program from current session. We have also planned to organize a national conference in current session.