

Annual Report

[2018-2019]



UNSIET, V.B.S. Purvachal University

Jaunpur, Uttar Pradesh

TEQIP-III Activities

FY-2018-2019

Induction Program:

- For harvesting full benefits for the students from the grants of TEQIP-III, AICTE New Delhi has mandated several activities out of which induction program for the new entrants in the institute is one which impacts directly upon the students to shape the raw Engineers follow the norms and ethics of the Novel Profession.
- Under the guidelines of TEQIP- III a complete 3 weeks Induction Program has been drawn and strictly adhered to.
- These programs include interaction with experts of all walks of life, program on Art of Living, Yoga, Various Physical activities, sports, industrial visits, local sightseeing, expert talk and the Fresher's Function.
- We have drawn the experts like Prof P C Patanjali, former Vice –Chancellor of VBS Purvanchal University and Bhagalpur University, Prof I. Ramchandra Reddy, Prof. P. Natarajan from Hyderabad, Dr Anuradha Dhara, Prof Kalyan Chakravarti, Ms. Vandana Sheron, Prof. Praveen Prakash, Dr Chhaya Singh and Prof. R K Singh from Allahabad University, Dr. Ravi Shanker Singh IIT BHU, Mr. RK Upadyay Ex CMD BSNL, Dr. Nandani, Dr. Nagaveni V, Miss Ashima Singh, Dr. Sarvesh Kumar, Anurag Singh with 3 trainer for Art of living program.

Workshops/ Conferences:

- Workshop on Development of Science and Technology was held in the institute in which eminent speakers across the country came. In this M. Tech Course program was discussed
- International conference in mechanical engineering - **02 – 03 August 2019** at Jaunpur in collaboration with twinning partner is proposed.
- International conference in Electrical , Electronics and Computer Science - **19 – 21 Sept. 2019** at Mandya
- Various workshops on Entrepreneurships, IPR, and Pedagogy are arranged time to time.
- Various faculties are send to attend FDPs and PDTs at Shimla, Dehradun, Shillong, Trichy, Guwahati, Raipur, Chandigarh, Pune, Goa, Port Blair, Gangtok, etc.
- One summer intern Shri Prabhat Kumar, ME Final Year students earned laurels in IIT Hyderabad for which he was awarded a citation and Rs 10000 by honorable Vice Chancellor.

Summer Internship:

1. Summer Internship for B. Tech 2nd year students was from 27th May to 8th July-2019. During internship following activities were done:
 - A. UNMANNED Arial vehicle.
 - B. Design of CNC machines.
 - C. 3-D Printing.
 - D. Android based satellite.
 - E. Robotics.
 - F. Cloud computing.
 - G. ARM processor.
 - H. Audio, video and image processing using Lab-View.
 - I. Electronic circuits simulation using Multi-Sim.
 - J. Communication and soft skills.
 - K. Naturopathy.

Expert Lecture:

1. On “**Micro Grid**” for Electrical Engineering students by Niraj Kr. Chaudhary on dated 20.04.2019.
2. On “**Power System Reforms in India**” by Dr. Naveet Kr. Singh, EED MNIT Allahabad on dated 01.04.2019.
3. On “**Issues in Demand Forecasting**” by Nitin Singh, EED MNIT Allahabad on dated 01.04.2019.

FDP/STP:

1. 06 Faculties attended FDP on “**Strategic Quality Initiatives in Technical Education**” organized by ESCI Hyderabad at Lakshadweep Islands from 09th to 13th May 2019.
2. Mr. Deepak Kr. Singh attended STP on “**Recent Trend in wireless multimedia communication**” at PEC Pondicherry from 21st to 27th May 2019.
3. 04 Faculties attended FDP on “**Management Development Programme**” organized by ESCI Hyderabad at OOTY from 24th to 28th May 2019.
4. Mr. Maneesh Kumar Gupta attended FDP on “**Power System Operation & Control**” at REC Sonbhadra from 06th to 10th May 2019.
5. Mr. Shailesh Kr. Prajapati attended STP on “**Scientific Learnig with Python**” at Shri Mata Vaishno Devi University Katra, J&K from 25th to 29th May 2019.
6. 06 Faculties attended FDP on “**Improving Teaching, Learning & Rasearch Competence**” organized by ESCI Hyderabad at Ladhak from 25th to 29th June 2019.
7. Mr. Deepak Singh attended GIAN course on **Optical Microsystems for Application in Optical Engineering** at IIT Delhi from 18th to 22nd February 2019.
8. Organized FDP on ‘**Recent Advances in Communication & Photonics**’ at our institute.

Workshop:

1. 06 Faculties attended National Workshop on “NBA” organized by ESCI Hyderabad at Gangtok from 18th to 22 June 2019.

Board of Governors (BoG):

With due permission of Honorable Vice Chancellor after the decision of Honorable executive council, the meeting of Board of Governors was held on 27.11.2018.

The following members attended the meeting:

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|--|----------------------|
| • Shri R. K. Upadhyay
Former CMD, BSNL, Gudgaon | Chairman |
| • Sri Animesh Bisaria | Member |
| • Dr. Saurabh Pal | Member |
| • Dr. Santosh Kumar | Member |
| • Prof. L.N. Hazra | Member |
| • Shri Shivraj Asthana (IAS) | Member |
| • Shri Surendra Singh | Member |
| • Prof. A K Srivastava | Member (Ex- Officio) |
| • Prof. Dinesh Prabhu | Special Invitee |
| • Prof. B B Tiwari | Member Secretary |

Twinning Activities:

Various faculties from Uma Nath Singh Institute of Engineering and Technology, VBS Purvanchal University, Jaunpur visited to PES College of Engineering Mandya.

Visitors

- | | |
|------------------------------|-----------------------------------|
| • Prof. B B Tiwari | Coordinator, TEQIP |
| • Sh. M K Singh | Nodal Officer(Finance) |
| • Sh. Rajnish Bhasker | Nodal Officer(Procurement) |
| • Sh. Ravi Prakash | Nodal Officer (Academics) |

- They visited various Departments, labs, Centers and TEQIP Cell.
- The visit to training and placement center was impressive and worth emulating.
- The forthcoming activities were finalized under the discussion with all the departments including the Principal.
- Visit of Electronics Engineering and Electrical Engineering students – in **July 2018**
- Visit of Coordinator and Nodal Officer – **July 2018**
- Visit of Coordinator and startup in charge – **August 2018**
- Visit of Expert from Mandya – **Oct. 2018** (NBA workshop)
- Visit of Nodal Officers (P) to participate in BOG at Mandya – **August 2018**
- Visit of coordinator and nodal officer (P) to discuss long term and short term twining program as well as forthcoming activities – **Nov. 2018**
- Participation of coordinators – TEQIP III Mandya in BOG meeting at Jaunpur- **Nov. 2018**
- Visit of 04 teachers from each department to Mandya for learning NBA application process – **03 - 08 January 2019**
- Workshop on Women Empowerment organised - **14 -16 Feb. 2019** at Jaunpur
- Critical subjects were taught at Jaunpur - **28 January - 01 Feb. 2019**
- Industry readiness training at Jaunpur - **02 -12 March 2019**
- Faculty Development Programs at both places - **March – April 2019**
- International Conference In Mechanical Engineering - **02 – 03 August 2019** at Jaunpur
- International Conference In Electrical , Electronics And Computer Science - **19 – 21 Sept. 2019**

Establishment of various Labs:

Various Labs have been setup. Purchased items are listed as follows:

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|--------------------------------------|------------------------------|
| • Lab View Software | Electrical Machine Lab |
| • Cadence Software | Power System Lab |
| • Purchase of Lab Furniture's | Microwave Test Bench |
| • Measuring Instruments Equipment | Design Suit FPGA Programming |
| • Qualnet Network Simulator Software | Control System Lab Equipment |

- Real Time Circuit Simulation Software
- Chemistry Lab Equipments
- ORCAD P-Spice
- Antenna /PCB Prototyping Machine
- Electronics & TEQIP Office Civil works
- Plagiarism Software.

Physics Lab Equipments

Basic Electrical Lab Equipments

Electrical Instruments Lab

EPSON Projectors

Material Testing Lab