

## **INDUSTRY ACADEMIC INTERFACE**

The Institute industry cell of VSSUT, Burla had organized a meeting on **22.2.2021**. with the experts from industry along with all Deans, Coordinator TEQIP, Committee members of Institute industry cell and H.O.D.s to discuss following points as a part of institute industry interaction.

1. Enhancement of industrial consultancy and collaborative research.
2. Design of industry based curriculum
3. Industrial training/ project for faculty and students
4. Employability of students
5. Certification programmes for the industry personnel.

Following resolution had come out.

### **Proceedings**

The key areas were discussed extensively and the following resolutions are taken.

1. Industrial consultancy and collaborative research shall be enhanced.

Collaborative research work in Industrial waste management, industrial safety problems is suggested. For project engineering and construction management VSSUT may create consultancy pool to attend issues in superstructure and structural foundations as and when required during project execution like civil construction, high scaffolding erection, structural quality check, MTC of steel, failure analysis of boiler tubes. Concrete testing, Testing lab inspection and calibration.

#### **Action- Dean SRIC**

2. Industry based curriculum should be designed inviting industry personnel to board of studies for modifying or framing new curriculum.

M Tech and B. Tech students should go for joint project work with industry personnel and our faculty members for six months and two months respectively. Design of industry based curriculum- One subject in industrial safety is a must. Now a days zero tolerance for any accidents and even near miss in safety, hazard identification, risk assessment, electrical safety . Accident free environment. Zero discharge to nearby rivers /streams.

#### **.Action- Dean Academics and Dean PG S&R**

3. Industrial training/ project for faculty members and students should be enriched.

The possible areas (but not limited to) are Robotics, Boiler and turbine overhauling time reduction, Life cycle assessment, enhancement of boiler and turbine efficiency. The industry personnel have agreed to facilitate for industrial training of faculty members and students.

#### **Action- Dean F & P/ Professor T & P**

4. Employability of students will be focused.

Students should be made prepared, soft skill and other technical skills should be enhanced according to the expectation of Companies and market need to make them capable to qualify in the selection process.

#### **Action- Professor T & P**

5. Certification programmes for the industry personnel must be initiated.

The PG diploma in management courses and different short term certificate courses (2/4/6/8 weeksduration) for industry persons can be offered. Priority will be given to industrial engineers/ personnel to execute specialized courses.

**Action- Dean CDCE**

The progress on various issues mentioned above will be monitored quarterly.

The meeting ended with thanks to the chair.

**MOUs with industries/ Institutes**

Sl. No.	Name of the Organization	Date	Remarks
1	Powertech Consultant, Bhubaneswar	02.02.2021	To pursue research and development activities, consultancy in the field of renewable energy, energy efficiency, energy management, energy audit
2	NITTTR Kolkatta	29.1.2021	Development of faculty through training program in the areas of content updating & professional skill development jointly
3	CIPET BALASORE	05.1.20201	Faculty exchange program and students training and internship
4	Aspiring Minds	16.12.2020	Consultancy services
5	DELNET	18.9.2020	Developing library network and to access DELNET databases
6	NHAI	28.8.2020	Adopting 152 K.M. stretch of NHAI from Sambalpur to Binjabahal by VSSUT. Laboratories infrastructure development. Training B.Tech and M.Tech Civil Engg. students
7	ISRO, Bengaluru	25.8.2020	Technical consultancy support, Augmentation of lab at VSSIC and some test facilities at ISRO Laboratories
8	CTTC, Bhubaneswar	24.1.2020	Short term training program and Curriculum development
9	Power Grid Corporation of India Ltd.	29.3.2018	Biju Patnaik E-learning Centre upgradation
10	Odisha Govt. under TEQIP-III	06.12.2017	Implementation of Institutional development plan
11	BPUT Rourkela	04.12.2017	e- Evaluation of answer scripts of end sem examination of UG and PG programmes of Engineering, Management and Science courses of BPUT
12	CPRI, Bengaluru	06.10.2017	Research project on monitoring system for Gas insulated switch gear (RSOP Scheme)
13	CPWD	23.8.2016	Detailed estimate, bill, tender documents of construction work jointly
14	INFLIBNET CENTRE (An IUC of UGC)	21.12.2015	Access to ETD hosting services at INFLIBNET Centre Sodhaganga/ Sodhagangotri to University/ its students to uploa thesis and dissertations in ETD repository.

15	The University of New Orleans USA	27.1.2015	MS programme in Engineering, Management, Computer science etc. for VSSUT graduate students
16	INRS	22.10.2014	Joint supervision of gradient students planning joint research activities
17	Tech Mahindra Ltd	13.8.2014	Research projects and organising joint workshop/ conferences
18	SKF India Ltd	23.7.2014	Collaborative development of institutional and industrial, interaction for enhancing competence of VSSUT students/ faculty members
19	NI Systems India Pvt Ltd	24.6.2014	Sponsored projects Joint research Programmes, Curriculum development
20	Infosys	21.6.2014	Collaboration for training course material etc.