

G. Twinning Activities

G1. The Action Plan for twinning activities implemented in last year and current year planned

S.No		
1	Short term/twinning action plan	Yes, Available
2	Long term action plan	Yes, Available

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G2. No of courses/classes/workshops conducted by the faculty of institute under sub component 1.3 for students of 1.1 institute for training and academic development and vice versa (min 1 per program per year)

S.No	Name of the Programme	Department	Organised at	From	To	Participants No
1.	STTP on MATLAB Application in Electrical & Electronics Engineering	Electrical	VEC Lakhanpur	09.07.2019	13.07.2019	23
2.	New trends in mechatronics and material engineering	Mechanical	VEC Lakhanpur	16.09.2019	20.09.2019	50
3.	Recent Trends in Power System and High Voltage Engineering	Electrical	NIT Raipur	31.10.2019	04.11.2019	13
4.	Sustainable Energy System Design for Remote Villages in India	Electrical	NIT Raipur	05.11.2019	09.11.2019	15
5.	STTP on Recent Trends in Power Electronics Power System and Renewable Energy System	Electrical	NIT Raipur	17.02.2020	21.02.2020	14

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G3. No of course delivered by 1.3 institution for students of 1.1 institution (min 1 per program per year) (10% Syllabus covered)

S.No	Name of the Programme	Department	Organised at	From	To	Participants No
1	Summer Internship Training Programme	Civil, Electrical	NIT Raipur	10.06.2019	14.06.2019	58
2	Winter Internship and Lab sessions	Electrical & civil (5 th sem), 1 st Year students	NIT Raipur	23.12.2019	30.12.2019	52
3	Lecture By Dr. A.K. dash	Mining	VEC Lakhanpur	10.12.2019	13.12.2019	18
4	Lecture by Mr. Ajay Agrawal	Mining	VEC Lakhanpur	10.12.2019	13.12.2019	18
5	Lecture by Dr. Dilip Sisodia	CSE	VEC Lakhanpur	18.01.2020	19.01.2020	25
6	Lecture by dr. Pradeep Singh	CSE	VEC Lakhanpur	18.01.2020	19.01.2020	30
7	Lecture By Dr. A.K. dash	Mining	VEC Lakhanpur	08.04.2020	29.04.2020	40
8	Lecture By Dr. A.K. dash	Mining	VEC Lakhanpur	05.05.2020	01.08.2020	31

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G4. No of training conducted for faculty/support staff of 1.1 institute by institute under sub component 1.3 for training and academic development and vice versa (min 1 per program per year).

S.No	Name of the Programme	Department	Organised at	From	To	Participants No
1.	STTP on MATLAB Application in Electrical & Electronics Engineering	Electrical	VEC Lakhanpur	09.07.2019	13.07.2019	7
2.	Shifting the Teaching Learning Paradigm to Address the Future Needs of Engineering	CDC	NIT Raipur	07.09.2019	11.09.2019	2
3.	New trends in mechatronics and material engineering	Mechanical	VEC Lakhanpur	16.09.2019	20.09.2019	10
4.	Sustainable Energy System Design for Remote Villages in India	Electrical	NIT Raipur	05.11.2019	09.11.2019	1
5.	STTP on Recent Trends in Power Electronics Power System and Renewable Energy System	Electrical	NIT Raipur	17.02.2020	21.02.2020	3
6.	3 Day FDP for technical staff by Dr. Sunny deol Dr. Govardhan Bhatt Dr. A.D. Prasad Dr. Istiyaq Ahmad Dr. Meena Murmu	Civil	VEC Lakhanpur	29.02.2020	02.03.2020	7
7.	STTP on Sustainable Energy Systems	Mechanical	NIT Raipur	14.09.2020	18.09.2020	96

	Design for Remote Villages in India					
8.	STTP on Advances in Mechanical, Industrial engineering and Management	Mechanical	NIT Raipur	09.03.2021	13.03.2021	100

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G5. No of seminars/techfest and conferences conducted by institute under sub component 1.3 for 1.1 institute for students to share research and discuss technological advancement in dynamic/industrial and business environment (min 1 per year).

S.No	Name of the Programme	Department	Organised at	From	To	Participants No
1	Seminar on Impact of Social Engineering, Indigenous Science & Technology for Peace, Prosperity & National Building by Dr Dr. Vijay Babu and Dr. Sarkar	Humanities	VEC Lakhanpur	27.09.2019	28.09.2019	10
2.	International Conference on Power, Control and Computing Technology	Electrical	NIT Raipur	04.01.2020	05.01.2020	2
3	National conference on nanotechnology and environmental	Chemical	NIT Raipur	13.02.2020	14.02.2020	1
4.	National Conference on Futuristic Trends in Materials, Manufacturing and Mechanical Engineering (FTMMME-2020)	Mechanical	NIT Raipur	28.02.2020	29.02.2020	64 (do identify vec students in above)

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G6. % of faculty perusing collaborative research (10%)

S.No	Title of the Project	PI from VEC Lakhanpur	Co PI from NIT Raipur
1	Functionalized porous framework materials for heterogeneous catalysis	Dr. Dinesh De Mr. BC Sahu Mr. R K Sahu	Dr. Tungabidya Maharana
2	Joint PG Guidance	Mechanical, Electrical, CSE, and Civil Engineering	Mechanical, Electrical, CSE, and Civil Engine

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G7. No of departmental partnerships for joint research activities for applied research and technological development (min 1 per program).

S.No	Title of the Project	PI from VEC Lakhanpur	Co PI from NIT Raipur
1	Functionalized porous framework materials for heterogeneous catalysis	Dr. Dinesh De Mr. BC Sahu Mr. R K Sahu	Dr. Tungabidya Maharana

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G8. Number of Industry partnership for joint R&D and internships (min 1 per year).

S.No	Title of the Project	PI from VEC Lakhanpur	Co PI from NIT Raipur
1	Visit by Dr. Manoj Chopkar (TPO I/C NIT Raipur)	28.02.2020	VEC Lakhanpur
2	Webinar meeting session with members of Career Development Cell (CDC) Manoj Chopkar and Ketan Chousia	20.04.2020	NIT Raipur

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G9. Career Planning sessions by 1.3 institution for 1.1 institution (2 Sessions)

S.No	Name of the Expert	Date	Organised at
1	Dr. Mridul Rajput (For Mechanical Engg students)	19.09.2019	VEC Lakhanpur
2	Visit by Dr. Manoj Chopkar (TPO I/C NIT Raipur)	28.02.2020	VEC Lakhanpur

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G10. Number of seminars and learning forums conducted by institute under sub component 1.3 for 1.1 institute on governance practices institutional management, academic and non academic reforms.

S.No	Name of the Programme	Date	Organised at
		

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G11. Number of faculty of 1.1 institute inducted on various bodies (BoG, BoS, Senate etc) of 1.3 institute for learning on good governance practices and vice versa.

S.No	Name of the Programme	Expert from NIT Raipur	Details
1	Civil Engineering	Dr. S. V. Deo, Associate Prof., Civil Engg	DAC, External Member
2	CSE	Dr. B. Acharya, Asst. Prof., Elex. And Comm Engg.	DAC, External Member
3	Electrical Engineering	Dr. S. Sanyal, Prof., Mech. Engg.	DAC, External Member
4	Mechanical Engineering	Dr. S. Sanyal, Prof., Mech. Engg.	DAC, External Member

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G12. Assistant Provided in short term advisory and consultancy services by institute under sub component 1.3 for 1.1

Nil

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G13. Workshop conducted on outcome based education (NBA) by institute under sub component 1.3 for 1.1 institute

S.No	Name of the Programme	Date	Organised at
1	Visit by Dr. Amit Raj (NBA Coordinator , NIT Raipur)	25.01.2020	VEC Lakhanpur

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G14. Assistance given by the institute under sub component 1.3 for 1.1 institutes in filling up of SAR for getting accreditation.

S.No	Name of the Programme	Date	Organised at
1	Visit by Dr. Amit Raj (NBA Coordinator , NIT Raipur)	25.01.2020	VEC Lakhanpur

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