Competency Development Centre

Vision

To empower students to make lifelong responsible and meaningful choices in a global and dynamic world

Objective

Competency Development Center (CDC) designs and organizes training and development programs to the students and faculty on strategically relevant competencies along with academics to make them Industry competent

CDC focus on

- **Organize the skill training programs to the faculty to make them trainer.**

- **Planning and Execution of the Employability Skill Training Courses for the students.**

- **Dissemination of the Internship Opportunities to the students through the respective HoDs.**

CDC Team

S.No.	Name of the Member	Designation	Department
1	Dr. B.V.R.Ravi Kumar	Coordinator	ME
2	Mr. J.Y.V. Shivabhushan	Member	CE
3	Mr. N. Amarnadh Reddy	Member	EEE
4	Mrs. S. Swetha	Member	ME
5	Mrs. S. Naga Leela	Member	ECE
6	Dr. P. Venkateswara Rao	Member	CSE
7	Mr. S. Murali Mohan	Member	IT
8	Mrs. Jyothirmai Joshi	Member	EIE

Students Training Activities Conducted

2018-19						
S.No.	Training Course	Resource Person	Year	Benefitted Students	No. of Days	Total No. of Hours Training (1.5 hr/day)
1	C & DS	1.Mrs.Swapna Asst Prof CSE 2.Mr.K.Venkata Ramana Asst. Prof CSE	II	556	30	45

2019-20						
S.No.	Training Course	Resource Person	Year	Benefitted Students	No. of Days	Total No. of Hours Training (1.5 hr/day)
1	C & DS	1.Mr. K.Venkata Ramana -Asst Prof - CSE 2.Mr. R.Kranthi Kumar - Asst Prof - CSE 3.Mr. V.Harish - Asst Prof - CSE	II	556	30	45
2	Machine Learning	1.Mr. Amarnath Reddy Asst. Prof – EEE. 2.Mr. R.Goutham - Asst. Prof – EIE. 3.Mr. S.Nagarjuna Chary Asst. Prof – EIE. 4.Dr E.V.Ramana – Prof - MED	III	462	30	45

S.No.	Training Course	Resource Person	Year	Benefitted Students	No. of Days	Total No. of Hours Training (1.5 hr/day)
		2020-21				
1	C & DS	1.Mr. R.Kranthi Kumar - Asst Prof - CSE 2.Mr. V.Harish - Asst Prof - CSE	II	556	31	46
2	Python	1.Mrs. Indira – Assistant Professor- CSE 2. Mrs. Swapna – Assistant professor-CSE	III	540	20	30
3	Machine Learning for Engineering Applications	1.Mr. Amarnath Reddy Asst. Prof – EEE. 2.Mr. R.Goutham - Asst. Prof – EIE. 3. Mr. S.Nagarjuna Chary Asst. Prof – EIE. 4.Dr E.V.Ramana – Prof - MED	III	462	20	30
4	MAT Lab	Mr. P.Ramesh –Asst. Prof./EEE & Maths work Certificate holder	III	33	18	36

TRAINING PROGRAMS - 2021-22

II YEAR – TRAINING PROGRAMS

Training Course	Day	Venue	Total students	Branch	Resource Person
C & DS	Monday	EEE – Seminar Hall – A302	132	EEE	Dr. B. Seshu Kumari - IT
	Monday	EIE Class Room C-203	132	EIE	Mr. V. Harish Kumar - CSE
	Friday	APJ Abdul Kalam Auditorium	198	AE & CE	Mrs. B. Mathurabai - IT
	Saturday	ME Seminar Hall – D304	132	ME	Mr. R. Kranthi Kumar CSE

III YEAR – TRAINING PROGRAMS

Training Course	Day	Branch	Resource Person	Room #
Python	Tuesday	ME	Mr. P.Balakesava Reddy- IT	ME Seminar Hall D 304
		AE & CE	Mr.P. Narsimhulu - IT	APJ Kalam Auditorium
		EEE	Mrs.S. Swapna - CSE	EEE Seminar Hall A 303
	Wednesday	EIE	Mrs.L. Indira – CSE	PG Block Seminar Hall

Training Course	Day	Venue	Branch	Resource Person
Machine Learning for Engineering Applications	Wednesday	EEE (A-302)	EEE	Mr. P. Ramesh - Asst. Prof - EEE
	Thursday	EIE (C-203)	EIE	Mr. N.Akshay Asst. Prof - EIE
	Friday	MED (D-304)	ME & AE	Dr. E.V. Ramana Prof – MED

- **ANSYS – Training – IV B.Tech Mechanical engineering- Dr. N. Kiran Kumar**
- **Lateral Entry Students of 3rd (2020 batch) & 4th (2019 Batch) – Oxford University press Online English Certification Course**

Training Programs – AY 2022-23

S. No	Name of the Training Course	Year/SEM	Duration	Branch	Target Students	Resource Person	Proposed Venue
1	Python	II - I & II Sem	2 hours / week-1st Sem (Once in a Week) 4 hours /week-2nd sem (Monday & Friday)	ME & AE	90+40	1.Mr. Sravan Kiran 2.Mr. Y.Bhasker Reddy 3. Mrs. Madhura Bai	D-312 & D 412 (Computer Lab)
				CE	90	1.Mr. Y.Bhasker Reddy 2.Dr. P.V. Rao	Civil Computer Lab
2	C & DS	II – I & II Sem (Prajyna Team)	6 hours/ week (Monday & Friday)	CE/ME/AE	60	Dr. K.Venkata Ramana	Civil Computer Lab
3	Phase – I Soft Skills Training	II / II Sem	Monday (1.40-2.40 pm)	CE	132	Dr. K.V.M. Achuta Ramaiah – Softskill Trainer - TPO	D104
			Tuesday (3.40- 4.40 pm)	AE	60		D306
			Friday (1.40-2.40 pm)	ME	132		D406
4	Machine Learning for Engineering Applications	III/ II Sem	2.40 to 4.40 pm (Twice in a Week- Wednesday & Thursday)	ME & AE	70	Dr. G.S.Gupta- Professor- MED	D-312 (Computer Lab)
5	Hypermesh (ME & AE)	III / II Sem		ME & AE	70	Mr. Mohamad Aziz Athani – AE	D-312 (Computer Lab)

Activities

VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Competency Development Centre (CDC)- Skill Development for Students

Estd. 1995

SKILLS · KNOWLEDGE · ABILITIES · CDC

Objective

Competency Development Center (CDC) designs and organizes training and development programs to the Students and Faculty on strategically relevant competencies along with academics to make them Industry competent

Focus on

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Skill Set for

Civil	Mech/Auto	EEE	ECE	CSE/IT	EIE
•Surveying Skills- Total Station	•CAD/CAM	•PLC and SCADA applications	•C & C++	•C & C++	•PLC & DCS Program
•GPS	•CATIA	•PCB Design	•DS	•DS	•Automation, Design Support,
•Design and Planning Skills – AutoCAD	•ANSYS	•Solar PV Technologies	•JAVA	•Oracle – DBMS– JAVA	•C & C++
•STAAD Pro	•UNIGRAPHICS	•Python Programming	•IoT	•Big Data Analytics	•DS
•E Tabs	•Creo	•AI/ML	•RC circuit	•AI/ML	•JAVA
•ANSYS	•C & C++	•C&C++	•Embedded system	•Sales force Python	•Big Data Analytics
•C & C++,	•DS	•DS	•Block Chain	•SQL	•AI/ML
•DS	•JAVA	•JAVA	•AI/ML	•Data analysis	•IoT
•Java	•AI/ML	•AI		•Cloud Computing	•Block Chain
	•IoT	•IoT		•Block Chain	
				•IoT	

Faculty Training Programs

S.No.	Name of the skill Training Program	No. of Faculty Benefited	Resource Person	Duration
1	Computational Tools for Engineering Applications	30	Dr.G.S Gupta – Professor-ME; Dr.N.Kiranlumar-Assoc Prof.- ME; Dr. K. Ajay Kumar- Assoc Prof.-ME	25th – 29th June 2018 (36 Hours)
2	Artificial Intelligence (AI)	33	Mr. Manish Jain-Senior Corporate Trainer	13th-18th May 2019 (36 Hours)
3	Machine Learning (ML)	30	Mr. Manish Jain-Senior Corporate Trainer	20th – 25th May 2019(36 Hours)
4	Learning by Doing-Python	38	Mr. P.V.Rao-Asst.Prof-CSE; Mrs. L. Indira – Asst.Prof-CSE	18th – 23rd Nov,2019 (36 Hours)
5	Mathematics for Machine Learning	70	Dept. of Mathematics-VNR	13th – 20th Feb 2020 (36 Hours)
6	Blockchain Technology	41	Dr. Deepak Sukhaja; Associate Prisoner – CSE	28th – 3rd October 2020 (12 Hours)
7	Learning by Doing-Python	58	Mr. P.V.Rao-Asst.Prof-CSE	7th– 15th Dec 2020 (12 Hours)

Internship Opportunities 2019-20

Displayed In Notice board

S. No	Dept	27th Aug 2019 Phase 1	9th Oct 2019 Phase 2	18th Dec 2019 Phase 3
1	CE	4	13	8
2	EEE	4	15	14
3	ME	8	16	16
4	ECE	5	14	8
5	CSE	12	15	20
6	EIE	5	13	6
7	IT	2	10	12
8	AE	8	8	4

JNTUH TEQIP –III @ VNRVJIET

S. No	Department	No of the Students doing internships
1	Civil Engineering	12
2	Electrical & Electronics Engineering	1
3	Mechanical Engineering	5
4	Electronics & Communication Engineering	-
5	Computer Science & Engineering	4
6	Electronics & Instrumentation Engineering	0
7	Information Technology	8
8	Automobile Engineering	6
9	H & S	1
	Total	**37**

Summer 2020 Online Internships @ VNRVJIET

S. No	Department	No of VNR Students involved in internships (I years)	(II Years)	Other College students
1	Civil Engineering	78	103	23
2	Electrical & Electronics Engineering	120	134	67
3	Mechanical Engineering	131	140	NIL
4	Electronics & Communication Engineering	261	----	4
5	Computer Science & Engineering	255	8	26
6	Electronics & Instrumentation Engineering	125	135	8
7	Information Technology	194	209	9
8	Automobile Engineering	64	59	NIL
9	H & S	--	---	4
	Total	**1228**	**788**	**141**

Internship Opportunities 2020-21

Displayed In Notice board

S. No	Dept	21st Oct 2020 Phase 1	25th Nov 2020 Phase 2
1	CE	9	4
2	EEE	17	12
3	ME	12	10
4	ECE	16	6
5	CSE	9	14
6	EIE	15	7
7	IT	11	12
8	AE	8	2

Students Certification courses through ISRO-IIRS

CONSOLIDATED REPORT - ISRO- IIRS e-LEARNING COURSE

S.No.	Course Code	Name of the Course	No. of Students registered	Duration From	To
1	72	Basics of Geo computation and Geo web Services	7	19-10-2020	29-10-2020
2	71	Advances in SAR Polarimetry & Interferometry	3	04-12-2020	18-12-2020
3	70	Remote Sensing of Land Degradation	1	01-12-2020	07-12-2020
4	69	RS & GIS Applications	9	26-10-2020	20-11-2020
5	68	Geographical Information System	2	28-09-2020	23-10-2020
6	67	Understanding of Coastal ocean processes using Remote Sensing and Numerical Modeling	6	21-09-2020	25-09-2020
7	66	Global Navigation Satellite Systems	7	14-09-2020	25-09-2020
8	65	Remote Sensing and Digital Image analysis	11	17-08-2020	11-09-2020
9	64	Basics of Remote sensing geographical Information system and Global Navigation and Global Satellite system	13	17-08-2020	20-11-2020
10	63	RS Applications in Agricultural Water management	29	03-08-2020	07-08-2020
11	62	Geospatial Inputs for Enabling Master Plan Formulation	01	27-07-2020	31-07-2020

2018-19

S.No.	Name of the Training Course	Resource Person	Year of Study	Benefited Students
1	C & DS	1.Mrs.Swapna Asst Prof CSE; 2.Mr.K.Venkata Ramana Assoc. Prof CSE	II	556
2	Online Oxford English Certification Course	Oxford University Press	II & III	408

2019-20

S.No.	Name of the Training Course	Resource Person	Year of Study	Benefited Students
1	C & DS	Mr. K.Venkata Ramana -Asst Prof - CSE; Mr. K.Kartik Kumar – Asst Prof – CSE; Mr. V.Harish – Asst Prof - CSE	II	556
2	Machine Learning	Mr. Amarnath Reddy Asst. Prof – EEE; Mr. R.Gautham – Asst Prof – ECE; Mr. S.Nagarjuna Chary- Asst. Prof – EIE; Dr.E.V.Raman – Prof – MED; M.Krishna - Asst. Prof - AE	III	462
3	Online Oxford English Certification Course	Oxford University Press	II & III	408

2020-21

S.No.	Name of the Training Course	Resource Person	Year of Study	Benefited Students
1	C & DS	1.Mr. K.Venkata Ramana -Asst Prof - CSE; 2.Mr.K.Kartik Kumar - Asst Prof - CSE; 3.Mr.V.Harish - Asst Prof - CSE	II	556
2	Python	1.Mrs. Indira – Assistant Professor-CSE; 2.Mrs. Swapna – Assistant professor-CSE	III	540
3	Machine Learning for Engineering Applications	1.Mr. Amarnath Reddy Asst. Prof – EEE; 2.Mr. R.Gautham – Asst Prof – ECE; 3.Mr. S.Nagarjuna Chary- Asst. Prof –EIE; 4.Dr. E.V.Raman – Prof - MED	III	462
4	MAT Lab	Mr. P.Ramesh –Asst.Prof/EEE & Maths work Certificate holder	III	22

6 Days (36 hours) training program organized in Learning by Doing on Python (Phase-I) to all Civil and Automobile Engineering Faculty from 18th – 23rd November 2019 with internal experts Mr. P. V. Rao & Mrs. L.Indira, Assistant Professor - CSE

Certificate Distribution on 14-12-2019

6 Days (36 hours) training program organized in Learning by Doing on Python (Phase-II) to the Faculty from 7th – 15th December 2020 with internal expert Mr. P. V. Rao, Assistant Professor - CSE

6 Days (36 hours) training program organized in Machine Learning 20th – 25th May 2019 with external expert Dr. Manish Jain, Senior Corporate Trainer

Dr. N. Kiran Kumar Delivers the lecture in "Computational Tools for Engineering Applications" organized by Department of Mechanical Engineering–25th – 29th June 2018

Mr. P. Venkateswara Rao Asst.Prof/CSE got certificate from ServiceNow Application Developer on 04-07-2018.

Principal Dr.C.D.Naidu handing over the Company details offering students summer internships for the year 2019 to HoDs of EEE & other HOD's. Dr.B.Chanakeswa Rao, Director Advancement & Dr.D.Pradhasaradhi TPO also present

Orientation Program-English Online Certification Course held on 11-02-2019 . Jabez Oliver Assistant Manager- Marketing Higher Education, Trade & Professional Learning Oxford University Press India

6 Days (36 hours) training program organized in Artificial Intelligence from 13th – 18th May 2019 with external expert Dr. Manish Jain, Senior Corporate Trainer