

## COMPLAINE ON STRATEGIC PLAN 2020-25

### A. Outcome based education is to be implemented in its true spirit

1. CourseWeb portal has been developed as a repository of resources for students to enhance their learning. Every student and teacher have a CourseWeb user-id and can log into to the portal to gain access to the multiple resources which are provided for each course by various teachers

a. Faculty posts the following resources, of the course which he/she handles, on the CourseWeb portal which will be visible to all the students

- i. Course Introduction Video (CIV)
- ii. Motivation to do the course and information pertaining to the course
- iii. Course Outcomes
- iv. Course Contents/Syllabus
- v. Table of Specifications
- vi. Outcome Based Lecture Schedule (OBLs)
- vii. Templates of Question papers (Formative and Summative)
- viii. List of course projects(CRPr) ( along with summary)
- ix. Course Research Papers (CRP) & Course Patents (CP)
- x. Lecture Summaries
- xi. Tutorials along with solutions
- xii. Assignments along with solutions
- xiii. Current semester - Exam papers/Solutions/Marks
- xiv. Previous Question papers along with solutions

b. In the AY 2022-23, CourseWeb 2.0 has been introduced with focus on Outcome based Curriculum. The main features of CourseWeb 2.0 are:

i. Student Resources -Unit Wise

1. Lecture Summaries on Self Learning Topics (SLT) and Classroom Discussion Topic (CDT)
2. Ppts and handouts on SLTs and CDTs



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### 3. Video links, if any, of SLTs and CDTs

#### ii. Remedial Class Handouts & Solutions

- *Weblink of CourseWeb 2.0 of Basic Electrical Engineering Course of 2ECI section (user-id and password are required to get access to the webportal).  
<https://kitsw.rlabs.co.in/oblsv2course.php?courseid=S05462023U18EE205XS1ECI2&facid=S0546&class=2ECI1>*

2. At the start of every semester, Course Committees, constituting the faculty handling a particular course along with senior faculty and Head of the department, are formed. These Course Committees identifies related industry experts for inputs in handling a course. The Outcome Based Lecture Schedule (OBLS), course contents, Knowledge, Skills & Qualities (KSQs) will be sent to the industry expert for feedback. Based on inputs received from the experts on KSQs, changes will be made in OBLS. The revised OBLS is followed for content delivery in that particular semester.

- *List of industry experts contacted for AY 2023-24 even semester by the faculty of Dept. of EEED has been attached in Appendix-A*

### **B. Faculty should take up quality research and publish in quality journals and work for IPRs**

1. Research Promotion Policy, introduced in the year 2021, encourages the faculty and students to focus on research. For creating research culture among the faculty, the institute provides the following:

#### *a. Faculty Research Incentive Scheme (FRIS)*

The objective of FRIS is to promote research culture and continuous improvement in quality research by providing incentives to significant research outcomes like high impact research publications, patents, externally funded research projects, consultancy provided and revenue generated etc and other research extension activities.

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**b. Faculty Research Support Scheme (FRSS)**

The objective of FRSS is to provide faculty with pilot financial support to complete short projects that have potential to apply for larger external funding. This scheme provided seed money to faculty who are working on innovative ideas that address well-defined problems of industrial and societal relevance. The total limit of funding is fixed as INR 2,00,000/- (maximum of two lakh only) for each faculty selected under the FRSS scheme.

- Research Promotion Policy-2021 of the institute has been attached as Appendix-B

**2. Strict implementation of academic integrity policy and plagiarism check.**

To curb the menace of plagiarism, KITSW, has introduced Anti-Plagiarism Policy in the year 2020. Licensed Turnitin software is made available in the institute for all the faculty, staff, research scholars as well as students and is to be utilized wherever required such as Seminar Reports / Mini project Reports / Major Project Reports / Research projects for B. Tech/M. Tech (M.Tech Seminar Reports , M.Tech. Dissertations) / PhD Thesis / Publications/Patents.

The metrics for similarity check, followed in the Institute has been listed below.

**a) UG / PG:**

(Seminar Reports / Mini Projects Reports / Major Project Reports , M.Tech Seminar / and M.Tech Dissertation)

S.No.	Type of Manuscript	Similarity %		Shall exclude No. of Consecutive Words
		Overall	From Single Source	
1.	UG Seminar	40%	10%	10
2.	UG Mini Project	30%	8%	10
3.	UG Major Project	24%	4%	6
4.	PG Seminar	30%	8%	10
5.	PG Dissertation	24%	3%	6
6.	PhD Thesis	10%	3%	6

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**b) PhD Thesis Manuscripts for publications:**

S.No.	Type of Publication	Similarity %		Shall exclude No. of Consecutive Words
		Overall	From Single Source	
1.	PhD Thesis	10%	3%	6
2.	Conference Paper	10%	3%	3
3.	Journal Paper	10%	3%	3
4.	Research Projects	8%	2%	3
5.	Book Chapters and Others	10%	3%	3

Institute spends Rs. 12 lakh yearly for purchasing Turnitin software. All the major projects, miniprojects, dissertations are verified by Turnitin software for plagiarism.

- *ANTI - PLAGIARISM POLICY OF KITSW - 2020 is provided in Annexure - C along with copy of purchase order of Turnitin software*

**B. Faculty should integrate their research expertise in course teaching**

In every course, handled from AY 2020-21, the teacher provides the following at the start of semester, which the students are encouraged to take up for enhancing their knowledge.

**1. Course Projects**

Course Project is an independent project carried out by the student during the course period, under the supervision of course teacher. It helps to reinforce the students' theoretical knowledge and develop their ability to apply this knowledge to the solution of practical problems. Course Projects also prepare them for their MINOR and MAJOR PROJECTs and for independent work in their chosen field that promotes creative abilities. It is advised that interested students shall complete four or five course projects during their term of 4 year study.

For every course, 4-5 course projects (title, description and deliverables) will be provided on CourseWeb portal. Any student interested has to fill the Course Project Request Form and submit the filled copy to the concerned teacher at the start of the semester.

- *A sample copy of Course Projects has been provided in Appendix-D*

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## 2. Course Research Papers (CRPs)

The core idea is to expose students to research literature. Research articles use a standard format to clearly communicate information about an experiment. A research article usually has seven major sections: Title, Abstract, Introduction, Method, Results, Discussion, and References. Students should read these articles with following 2 deliverables:

- Write a 2-page summary on any two course research papers (CRPs) and submit to the course faculty as part of Special Assignments (SAs)
- Compulsory Questions in MSEs: Salient points of the CRPs shall be asked in Compulsory Questions section of MSEs

## 3. Course Patents (CPs)

The core idea is to expose students and nurture the culture of Innovation, Incubation, Research and Entrepreneurship. Knowing about PATENTS and INTELLECTUAL PROPERTY RIGHTS (IPRs) is very important step in that direction.

Students are highly encouraged to read these patents with following 2 deliverables:

- Write a 2-page summary on any two course patents (CPs) and submit to the course faculty as part of Special Assignments (SAs)
- Compulsory Questions in MSEs: Salient points of the CPs shall be asked in Compulsory Questions section of MSEs



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**C. Expose students to innovation, incubation, research and entrepreneurial activities and make them life-long learners.**

1. Centre for Innovation, Incubation, Research & Entrepreneurship (C-I2RE) has been established in the year 2022. It aims to encourage research, innovation and entrepreneurship to help the students to develop professional entrepreneurial ability and mindset to set up their own enterprises. The Centre encompasses 4 important avenues for the students to show case their innovative and creative abilities viz., Institution's Innovation Council (IIC), MSME- Business incubator, Entrepreneurship Development Cell (EDC) and National Innovation Startup Policy (NISP). Currently the centre is headed by Prof. K. Raja Narendra Reddy.

- The annual report of C-I2RE for AY2022-23 has been provided as Appendix - E.

2. Industry experts are invited every semester to act as Adjunct Faculty to teach courses in UG and PG programs.

3. Institute encourages the alumni entrepreneurs to support innovation and start-ups of the fellow alumni and current students. The following is the list of alumni entrepreneurs who are currently working along with C-I2RE for supporting start-ups by the students.



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### List of Alumni Entrepreneurs

S.No	Name of the alumni	Year	Branch	Organisation currently owns/working	Nature of work involved in KITSW
1.	Sri. A. Dayanand Reddy	1980-84	ME	MD, M/s Vasantha Tool Crafts, Hyd	Guidance & Mentorship
2.	Sri. Nerella Naveenchandra	1980-84	ME	M D, M/S. Indian Agencies, Wgl	Guidance & Mentorship
3.	Sri J. Bheem Rao	1980-84	CIVIL	Chief Consultant, M/s Cruthi Consultants, Hyd	Guidance & Mentorship
4.	Sri S. Panakala Rao	1980-84	CE	Director, M/s BVSR Constructions, Vizag	Guidance & Mentorship
5.	Sri Jali Prabhakar Reddy	1980-84	CE	MD, M/s PBR Infra and wenchors Pvt. Ltd, Hyd.	Guidance & Mentorship
6.	Sri. Ash Ashuthosh	1981-85	EIE	CEO, M/s Actifio Inc., USA	Guidance & Mentorship
7.	Sri. Krishna Mohan	1983-87	ME	Director , M/s Lucid Software Ltd., Chennai	Guidance & Mentorship
8.	Sri. K. Muralidhar	1983-87	EIE	Co- Founder & Director, M/s Jarlie (I) Pvt. Ltd, Hyd	Guidance & Mentorship
9.	Sri. E. Rajaratnam	1983-87	EIE	Founder Director, M/s RVJ Techno Solutions, Hyd	Guidance & Mentorship
10	Sri. P. Rama Murthy	1984-88	MECH	Sr. V P, M/s Chivaro Technologies Pvt. Ltd., USA	Guidance & Mentorship
11	Sri. K. Anand Kumar	1984-88	MECH	M/s Venkateshwara Engineers, Faridabad	Guidance & Mentorship
12	Sri Ch. Santhosh Reddy	1984-88	CE	CEO, M/s Mouli Tech, Hyderabad	Guidance & Mentorship
13	Sri. Vijay Kumar Reddy	1985-89	CIVIL	M D, M/s Seasons Health Care Ltd., Hyderabad	Guidance & Mentorship

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14	Sri. M. Suresh Reddy	1986-90	MECH	Director, M/s Amritha Tools & Crafts Pvt.Ltd., Hyd	Guidance & Mentorship
15	Sri. K Srinivas	1986-90	MECH	Director, M/s Amritha Tool Crafts Pvt. td., Hyd	Guidance & Mentorship
16	Sri K. Vidyagiribabu	1986-90	CE	MD, M/s Jeevika Engg. Constructions, Hyd	Guidance & Mentorship
17	Sri K.V.S Kishore	1986-90	CE	MD, M/s KRYs CON projects, Hyderabad	Guidance & Mentorship
18	Sri. Y. Karunakar Reddy	1987-91	MECH	President & CEO, M/s Jade Global Inc., USA	Guidance & Mentorship
19	Dr. K. Hari Krishna Reddy	1987-91	CIVIL	CEO & MD, M/s Cube Highways & Transportation & V. R Techniche, USA	Guidance & Mentorship
20	Sri Jeffrey Timothy	1987-91	CE	CTO, M/s Value Optimal, Secunderabad	Guidance & Mentorship
21	Sri V. Ramchandra Reddy	1987-91	CE	MD, M/s MDVR Projects, Hyderabad	Guidance & Mentorship
22	Sri. T.S. Suresh	1988-92	EIE	CEO, M/S. Suvarna Techno Soft, , Hyd	Guidance & Mentorship
23	Sri T. Srinivas	1988-92	EIE	Founder & MD, M/s Sumith Electronics, Hyd	Guidance & Mentorship
24	Sri Takur Balaji Singh	1989-93	ME	Founder @ M/s Balaji CNC Technologies, Hyd	Guidance & Mentorship
25	Sri Sridhar Babu T	1989-93	ME	Founder @ Rockcraft Imports & Stone City, US	Guidance & Mentorship
26	Sri V Subba Rao D	1989-93	ME	Founder @ SAI Group of Institutions, Rajamundry	Guidance & Mentorship
27	Sri Ravi Kothur	1990-94	CE	Founder @ M/s AD3I Systems INC, USA	Guidance & Mentorship
28	Sri Ravinder I Reddy	1990-94	CE	COO, M/s Gramener IT Services, Hyderabad	Guidance & Mentorship
29	Sri. Raj Mallela	1991-95	CIVIL	MD, SATRA Infra Management Pvt. Ltd., Hyd	Guidance & Mentorship
30	Sri. A. Rajith	1992-95	MECH	CEO, M/s iYUGA Consultants Pvt. Ltd., Hyd	Guidance & Mentorship
31	Sri Anand Vemulapati	1993-97	CE	Director, M/s SecuEra Tech INC, Hyderabad	Guidance & Mentorship
32	Mr. Ch. Sridhar Reddy	1995-99	ME	MD, M/s Prathiraj Metal Masters, Hyd	Guidance & Mentorship
33	Sri Benarge Battineni	1996-2000	CE	ED, M/s Yindu Textiles, Guntur	Guidance & Mentorship
34	Sri Durga Naveen	2000-04	EIE	Founder & CEO, M/s COIGN Consultants, Hyd	Guidance & Mentorship
35	Sri Venumadhav Komati	2000-04	CE	MP, M/s Mikhul Project Constructions, Karimnagar	Guidance & Mentorship
36	Sri Kranthi Kumar K	2001-05	CSE	Founder @ M/s Quezapp Technologies, Hyd	Guidance & Mentorship
37	Sri E. Prabhod Kumar	2001-05	ECE	CEO, M/s Iwean Software Solutions, Hyd	Guidance & Mentorship



				Head Engg., Recruiterbox.com, Bangalore	
38	Sri Avinash S Chowdary	2003-07	ECE	MD &CEO, M/s ChirasthahiConstuctions , Hyd	Guidance & Mentorship
39	Mr. Bharath Kumar D	2005-09	ME	Co-founder & CTO, M/s Mitra-Robot, Bangalore	Guidance & Mentorship
40	Sri Pruthvi Pandea	2007-11	ME	ED, M/s Hyundai Motors, Wgl& MD @Renault	Guidance & Mentorship
41	Sri VikramVaddiraj	2007-11	CSE	MD, M/s Vaddiraj Foundation Infra, Warangal	Guidance & Mentorship
42	A. Sahitya Raj	2007-11	CSE	Sreeal Technologies Private Limited, Phoenix Tech Towers,1st Floor, Adjacent to Genpact India Pvt Ltd, 14-46, IDA - Uppal, Hyderabad - 500039	Guidance & Mentorship
43	L. Nitin	2009-13	CIVIL	V.M Unison Infra Projects India Ltd. No 2-5-374,, Hanamkonda,Warangal	Guidance & Mentorship
44	MadhukarSiliveru	2009-13	IT	proprietor, madhukar constructions, Warangal, Telangana, India	Guidance & Mentorship
45	Bhavanagoparaju	2009-13	E&I	Co-Founder, Wintry Candles Productions	Guidance & Mentorship
46	P. Abhinay	2009-13	CSE	Havisa Technologies Private Limited Flat No 402 Sripark View, Apartments Gayatri Nagar Godavari Homes, Hyderabad- 500055	Guidance & Mentorship
47	B.SaiRaj	2010-14	E&I	Black & White Entertainment 2-1-3, Sarasvathi Nagar, Hanmakonda, Warangal.	Guidance & Mentorship
48	N.Lithin Kumar	2010-14	IT	S&S Solutions Hyderabad,Telangana 500029	Guidance & Mentorship
49	Sai chander	2010-14	EEE	Synapse life sciences Beside Kakatiya Mahila Degree College, Warangal- 506001	Guidance & Mentorship
50	T. Avinash	2010-14	EEE	Synapse life sciences Beside Kakatiya Mahila Degree College, Warangal- 506001	Guidance & Mentorship

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51	P. Sujay	2010-14	MECH	nutrition franchisee business,Aurangabad, Maharashtra	Guidance & Mentorship
52	K. Rajeev	2010-14	MECH	container houses	Guidance & Mentorship
53	D. Praveen Kumar	2011-15	IT	Vision IT Technologies	Guidance & Mentorship
54	Sri T.Siddharth	2011-15	EIE	MBA, Finance startup, M/s QR Solutions, Hyd.	Guidance & Mentorship
55	Giridhar Sadineni	2012-16	CSE	Founder CEO, M/s Skill Verse IT, Training & Dev.	Guidance & Mentorship
56	V. Sai Nikhil	2012-16	EEE	SrushtiInstitute Opposite Govt. B.Ed College, Hanamkonda, Warangal.	Guidance & Mentorship
57	E. Pranay	2012-16	EEE	SrushtiInstitute Opposite Govt. B.Ed College, Hanamkonda, Warangal.	Guidance & Mentorship
58	S. Om Prakash	2012-16	EEE	SrushtiInstitute Opposite Govt. B.Ed College, Hanamkonda, Warangal.	Guidance & Mentorship
59	Bhargava sunkara	2012-16	CSE	Street light infotech	Guidance & Mentorship
60	M.sai Krishna	2012-16	IT	Correlate Consulting Pvt.Ltd Amrutha Estate, Himayathnagar, Hyderabad, Telangana 500029	Guidance & Mentorship
61	J. Shanthan	2012-16	CE	JP Constructions	Guidance & Mentorship
62	P.Sairamkoushik	2013-17	ME	Pharmtech solutions pvt limited. No-298,IDA,Phase-IV,cherlapally,kushaiguda ,Hyderabad500051, Telangana,India	Guidance & Mentorship
63	SRIHARSHA VARDHAN KANUMALLA	2013-17	ME	UTON Energia C5 202, Vindhya C5 Second Floor Iiit H Campus, Survey No. 25 Gachibowli, Hyderabad	Guidance & Mentorship
64	suryadevara	2013-17	EEE	Dealers in Escorts Ltd, 8-221, Bhopalpalli Rd, Parkal, Wgl	Guidance & Mentorship
65	Sai Subhramanian	2013-17	EEE	Sri Sai Banquet Hall, Beside Petrol Pump, Kuravi Rd, Mahabubaded	Guidance & Mentorship
66	K. Jayanth	2013-17	EEE	Jayanth Power Systems and Constructions, Grade Licence, 45-2-79, Gorrakunta, Gisukonda, Wgl	Guidance & Mentorship

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67	S. Akhil	2014-18	ECE	Brand fitness & nutrition Bfnakhil.com	Guidance & Mentorship
68	N. Bhargavpatel	2014-18	CSE	Innoprime technologies.	Guidance & Mentorship
69	S. Sachinkumarreddy	2014-18	CSE	Ruby-36	Guidance & Mentorship
70	P. Chatrapathi Shiva Reddy	2015-19	ECE	CSR Electronologies	Guidance & Mentorship
71	G. Varun	2015-19	ME	GK AUTOMOBILI GARAGE, WARANGAL	Guidance & Mentorship
72	G. Akhil	2015-19	EEE	M/s Bamboo fresh, 25-2-106/ A/Somide, Kazipet, Wgl Urban , TG state	Guidance & Mentorship
73	Pathi Shiva Kumar	2015-17	MBA	M/s Bhavya Technologies, MRK Towers, RR District	Guidance & Mentorship
74	CH. Uday	2016-17	EIE	AMPHEY WATER BOTTLES	Guidance & Mentorship
75	Sai krupaKyasa	2016-20	CIVIL	SR Constructions	Guidance & Mentorship
76	T PhaniKiran	2017-21	M Tech SC	Rudra constructions	Guidance & Mentorship

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