

**Vishwanikethan MoU activities on
Project based learning**

PBL plan for MARCH to JULY 2020

The following is the plan of activity for PBL until the month of July 2020. Hence forward Batch-1 refers to the 50 faculty from all departments who have started the PBL training from 4th and 5th January 2020. Batch-2 refers to the new batch of faculty of 50 who will be identified and trained in the month of April. Both batches of faculty will be implementing PBL in the first semester of Academic year 2020-21. The students in this plan refer to the students whose projects have been identified to a business/start-up/product caliber.

S.No.	MONTH	Batch-1	BATCH-2	STUDENTS
1.	MARCH 2020	March 19 th and 20 th 2020 – CSE and EE faculty visit for PBL pitch presentation	---	Completion of project reviews of all departments
2.		March 21 st and 22 nd Level-3 workshop on PBL and attainments and research paper writing		Identification of students for boot camps
3.		Course allotment of courses for first semester of academic year 2020-21		
4.	APRIL 2020	Allotment of courses for the faculty for the academic year 2020-21	Identification of fifty (50) faculty for second group training for PBL and allotting courses for the first semester of academic year 2020-21.	Boot camp and patent filing workshop – after final exams in the last week of April
			Level-1 workshop for these faculty will be held on 20 th and 21 st April 2020 (tentative)	
5.	MAY 2020	Preparing the PBL pitch presentation for the allotted courses and sending via email to the faculty in Vishwaniketan for modifications	Preparing the PBL pitch presentation for the allotted courses and sending via email to the faculty in Vishwaniketan for modifications	Business plan and investor pitch
			Level-2 workshop – May first week	
6.	JUNE 2020	PBL pitch presentation (face-to-face) for two days with subject experts.	PBL pitch presentation (face-to-face) for two days with subject experts.	PBL implementation begins after semester reopens
7.	JULY 2020	REVIEW – two days. The same faculty who have come for pitch presentation will be visiting during this period.		

The present first year students are encouraged to do presentations about companies and identify domains on which the students can work on PBL in their second year. This activity will be coordinated by Dr.Nagamani of Freshman Department.


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MoU with Vishwaniketan's PBL Center of Excellence

Summary of activities conducted

The Memorandum of Understanding between Geethanjali College of Engineering and Technology (GCET), Hyderabad and Vishwaniketan's PBL Center of Excellence was signed on 5th January 2020 by Dr.Udaya Kumar Susarla, Principal GCET and Dr.Vikas Vithal Shinde, Director PBL Center of Excellence. Under this the following activities have been conducted:

1. UG Fellowship for UG students
2. Int.oduction to PBL - workshop for GCET faculty
3. Course level PBL orientation workshop for GCET Faculty
4. Introduction of business club and PBL to students of GCET by Dr.Sandip Inamdar
5. Submission of ERASMUS proposal in association with partners from Vishwaniketan, Finland and Italy
6. Course level PBL implementation interaction with Vishwaniketan faculty
7. Tutorial in IEEE HYDCON by Dr.Vikas Shinde and Dr.Madhuri Bayya on PBL and Course level PBL

S.no.	Name of the event	Dates	Resource person	Remarks
1 ✓	UG Fellowship orientation and interviews	19-21 December 2019	Dr.Sandip Inamdar & Dr. Jahnvi Inamdar	Students of GCET
2 ✓	Introduction to PBL-Dr.Vikas Shinde	4&5 January 2020	Dr.Vika Shinde	For GCET faculty from all departments
3 ✓	Course level PBL orientation workshop for GCET Faculty	24 & 25 January 2020		For GCET faculty from all departments
4	Ir'troduction of business club and PBLs to Students -	24 January 2020	Dr.Sandip Inamdar	First year studetns
5	Submission of ERASMUS proposal	5 Feb2020	-	Submission with collaborators
6 ✓	Course level PBL implementation interaction	3 rd & 4 th March 2020	Subject faculty of ECE and Mechanical	ECE, Mechanical and MBA department
7	Tutorial in IEEE HYDCON – PBL and Course PBL	2 & 4 Sept 2020	Dr.Vikas Shinde & Dr.Madhuri Bayya	IEEE HYDCON conference

MB
(Dr. B. Madhuri)

Principal
Geethanjali College of Engg. and Tech.
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1. Introduction to PBL workshop

The first workshop to introduce Problem Based Learning (PBL) to the faculty of GCET was conducted on 4th and 5th January 2020 in the college by Dr. Vikas Shinde. Fifty five (55) faculty from all departments attended the same. Dr. Vikas introduced the concept of PBL to the faculty and oriented the faculty about the importance of identifying the problem for a given course. The faculty prepared a problem canvas categorizing the different aspects of the identified problem. Dr. Vikas encouraged the faculty to present their work.

2. Course level PBL orientation Workshop

In continuation to the first workshop, a course level PBL workshop was conducted on 24th and 25th January 2020. The same faculty from the first workshop attended the same. In this workshop the aspects of implementation of PBL for a particular course was introduced. Each department identified two courses for PBL implementation in the first semester of academic year 2020-21. The faculty learnt the concept of storyboard for a course. The course level PBL canvass helped the faculty to identify and create a clothes line model for a particular problem.

3. Introduction of business club and PBL to students of GCET by Dr. Sandip Inamdar

The first year faculty including head of the department (HoD) Dr. Neeraja Rani and others interacted with Dr. Inamdar on 24th January 2020 to lay foundation of PBL for the first year. In this context, Dr. Inamdar proposed starting of business club for students. The students will be encouraged to research current technology trends in the market and study the business model required to market the same. Dr. Nagamani agreed to be the coordinator for the same.

Subsequently, Dr. Inamdar interacted with the students of first, second and third years to orient them about adapting PBL into their learning to enable them to be future ready. He also emphasized the undertaking of UG fellowship.

4. UG Fellowship for UG students

The international internship program under the UG fellowship program was introduced by Dr. Sandip Inamdar to the second and third year students of GCET on 19th December 2019. This program facilitates the international internship for UG and PG students. This program gives an opportunity to students to undergo a 6-week internship in partner universities in Denmark, Italy, UK, Greece, USA, Thailand to name a few. Under this program the students were identified through extensive interviews by Dr. Inamdar and the team of faculty from GCET. About ninety (90) students attended the interviews and eleven (11) students received offer letters and decided to attend the same in the summer of 2020.

5. Submission of Erasmus proposal

The European commission every year invites proposals under the Erasmus scheme. These schemes are focused on developing education (teaching and research) tools and methods for the efficient teaching. Under this scheme the team from GCET with Vishwaniketan as lead submitted the national project 'DiPPMALA' in association with Finland and Italy on 5th February 2020.

6. Course level PBL implementation interaction with Vishwaniketan faculty

In continuation from the first two PBL workshops, all departments identified the courses and the respective faculty for implementation of PBL. On March 3rd and 4th Mr. Sharad Wagh and Mr. Santosh Nemade interacted with ECE faculty. Dr. Srihari and Dr. Spandana presented their CLPBL presentations and received feedback for the same. They also reviewed final year projects for viability for business bootcamp. They also had an interaction with the students to orient them about PBL.

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No. GCET/128/2019-20

29.01.2020

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CIRCULAR

Dr.B.Madhuri – Associate Professor in EEE Department shall be the coordinator for PBL workshops and as well as for the preparation of “EU” proposal under DiPPMALA.

She
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To: Deans / HoDs

M
PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist. (A.P.)-501301.

Cheeryal
5th Dec 2019

To,
The Principal,
Geethanjali College of Engineering and Technology, Cheeryal

Approval

S. S. Madhuri
05/12

Dear Sir,

This letter is to seek your approval to extend an invitation to Dr.Sandeep Inamdar and Dr.Jahnavi Inamdar the Vice chancellor and Director of Vishwaniketan, Mumbai. They will enlighten our students about UG fellowships facilitated by them to pursue projects abroad. I want to send a circular to the students of all departments through the Career Guidance Cell to give details about this fellowship. Our cell will identify interested students for the same and encourage them to attend this session.

Both of them have also agreed to give an introduction about PBL to the faculty and give them an outlook about what Vishwaniketan is doing in this aspect. This visit is being arranged on 17th December 2019.

Thanking you,

Yours Sincerely,

Madhuri

(Dr.B.Madhuri)
Career Guidance Cell

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3. UG Fellowship

Dr.Sandip Inamdar and Dr.Janhavi Inamdar, Vice president and Director of Vishwaniketan, Mumbai had an interaction with about 100 students of all branches of engineering and MBA. They introduced the Problem Based Learning (PBL) to students. The importance of learning by doing was reiterated and they encouraged students to practice PBL in their courses. He introduced the UG fellowship program which enables the students to do internship in universities abroad. They conducted an extensive interview process to select students for the program(17-19 December 2019). In early February (4February 2020) Dr.Inamdar interacted with students of all branches to enforce the importance of PBL.



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CIRCULAR

Students are hereby informed that Vishwaniketan, Mumbai is facilitating internship for engineering students to pursue projects abroad with hands-on. In this regard there will be an orientation on 17th December 2019 (time will be intimated later) by Dr.Sandeep Inamdar, VC, Vishwaniketan and Dr.Janhavi Inamdar, Director Vishwaniketan. The fellowship details are enclosed in this circular. This is open to students of all years and branches. All interested students please give your names to class teachers and/or career guidance counselors (names below) in each department. They can also talk to the guidance counselors to get additional information. The last date for giving names is 13 December 2019. Please use this opportunity to explore new avenues abroad.

Details about the Internship:

Project based international summer internship program(UG fellowship) offered by CGC, Denmark.

Students studying engineering, architecture, design and management can have opportunity to work on future technology, design, architecture, business modeling projects, with professors in universities from Europe, USA.(900+students benefited so far). Objective is to take students from conventional theoretical education system to Project Based Learning (PBL) to start ups/better employment/Masters abroad. See more details on www.vishwaniketan.edu.in and You tube... vishwaniketan ug fellowship.

This opportunity is available to students from first to third year of engineering, design, architecture and first year of management.

Period of fellowship: 15th June to 30th July.

Total cost : 1.41 lakhs to 2.88 lakhs depending on University. See table in the ppt.

This includes: Tuition fees, airfare, insurance, Visa fees, airport transfer, accommodation for 6 weeks, food (partially)

Excludes:

1. Sightseeing if students wish.
2. Local transportation

Career guidance counselors of each department:

- 1.Ms.A.Srilakshmi and Ms.P.Haritha –CSE department
2. Dr.S.Spandana and Ms.S.Krishnapriya –ECE
3. Mr.V.Abdul Rafi – Civil
4. Dr.B.Madhuri and Mr.N.V.Bharadwaj – EEE

To: Deans / HoDs
All classes

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[Signature]
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Cheeryal (V), Keesara (M), Medchal Dist. – 501301

No. GCET/094 /2019-20

05.12.2019

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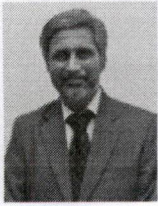
Career guidance counselors of each department:

- 1.Ms.Srilakshmi and Ms.Haritha –CSE department
2. Dr.Spandana and Ms.Krishnapriya –ECE
3. Mr.Abdul Rafi – Civil
4. Dr.B.Madhuri and Mr.N.V.Bharadwaj – EEE

To: Deans / HoDs
All classes

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PRINCIPAL



RESUME

Dr. Sandeep S. Inamdar is bachelor in Electrical Engineering, obtained Masters degree in Electrical control systems. He completed his Doctoral programme from National Institute of Industrial Engineering (NITIE) in Electrical Distribution System Efficiency Improvement.)

He has total 32 years of experience in education, out of which 20+ years he has been leading different academic campuses in the capacity of Director / Principal & has worked with more than 40,000 students. He was Senate Member of University of Pune, member of board of management, board of Research of Guru Gobind Singh Indraprastha University, New Delhi. He was expert member of Department of Science & Technology Committee of Government of India for the scheme of 'Rajat Jayanti Vigyan Sancharak Fellowship'.)

He has participated in three European Union Projects (under Erasmus Mundus programs), which provided 42 fellowships to Indian scholars at the level of Masters, Ph. D., Post Ph. D. (Grants more than 25cr). He is trustee of the first Indian Standardization Body of India titled 'Global ICT Standardization Forum for India "GISFI" (www.gisfi.org.in). He has worked as Director CTIF-India for last 10 years. More than 70 teachers in India have completed their PhD studies abroad under the CGC – VISHWANIKETAN network, which also has created 900+ fellowships for under Graduate students for PBL training in Universities in Europe, USA & Russia.)

He has organized more than 30 International Workshops and conferences including Kadiloscope, an International Telecom Union event. He has worked on number of Industry collaborations successfully like IBM Centre of excellence, Reliance man power development programme, Zensar campus connect etc. and the internal revenue generation has reached more than Rs.8 crores.

He has travelled extensively in more than 28 countries and delivered talks in Universities abroad. **He has deeply studied education systems of developed countries and is strongly convinced that Indian education has to be transformed from theoretical (question-answer-marks cycle) to problem & project based learning (PBL). He has given counselling to more than 60,000 students for career guidance all across India. His counselling gives the student, insight on long term career planning, focus, willingness to work, ethics and Technical/Life skill development.**

He is currently Trustee and Vice-President of Vishwaniketan (www.vishwaniketan.edu.in), an institute created by him and his friends from industry and academia for giving world class learning experience to Indian Students. Vishwaniketan has initiated a campus on 18 Acres of land close to Navi Mumbai on Mumbai – Pune Expressway, where "Centre of Excellence" has been developed for Project Based Learning, with focus on product development based research, Technology commercialisation, business modelling and start-ups.) Vishwaniketan runs an Engineering College, Architecture College affiliated to Mumbai University and design school with Teesside University UK.

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(Dr. S. S. Inamdar)

Ph. No: 9967544586

Email: ssinamdar@vishwaniketan.edu.in

www.vishwaniketan.com

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- Taken extensive training of 15 days from TTTI Bhopal on the subject of Education technology 'Innovations in teaching'.
- Arranged a workshop on Curriculum workshop on 'Fluid Mechanics in Curriculum of Civil Engineering'.
- Attended a workshop on 'Built Environment' in Cusrow Wadia Institute of Technology, Pune.
- Attended and organised National Conference on 'Information Security' arranged by Bharati Vidyapeeth's College of Engineering, New Delhi.
- Attended National Conference on ' Innovative Approaches in the Management of Environment' arranged by Delhi College of Engineering in Sept. 2004.
- Three days workshop on "How to transact?" by Cora Menezes , transactional analysis speaker.
- Organised Seminar on "Encounter the leader within" by Tejgyan Foundation on 8th April 2005.
- Attended a Workshop on "Environmental Justice for Technical Institutions" at Delhi College of Engineering on 19th Jan 2006
- Attended International Conference on 4G, organized by Aalborg University, Denmark at India habitat Center, Delhi.
- Organization of various faculty development programmes on education technology, transactional analysis, team building, etc.
- Participated in one day workshop on ' Computational fluid Dynamics-research and Industrial applications', Organised jointly by Maharashtra Academy Of Engineering Alandi and Zeus Numerix, Mumbai
- Attended National conference on 'Solar flat plate collectors' arranged by Pune University in July 2006.

G. Academic Contribution :

- Involved in teaching and laboratory Development of various subjects like Applied Mechanics, Soil Mechanics, Fluid Mechanics, Engineering Drawing, Surveying in Pune, Mumbai and Indraprastha Universities.
- In charge of Examination Section in Mumbai University and Indraprastha University in Delhi.
- Staff In charge of various co-curricular and extra curricular activities like student forums, annual social gatherings, faculty development programmes, farewell function etc.
- Involved in Curriculum Development of Applied Mechanics in Indraprastha University as Co-coordinator of the Subject.
- Worked as Cap Director of Central Assessment Programmes for evaluation of papers in Mumbai (1997, 1998).
- Involved in preparation of Performance Appraisal for accreditation of college by AICTE in BVCOE New Delhi.

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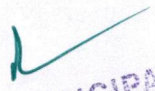
- Actively involved in utilization of building, planning, landscaping of campus of New Delhi.
- Worked as rector of ladies hostel Bharati Vidyapeeth, Pune in 1987-88 for one year and as rector in Bharati Vidyapeeth New Delhi for six years.
- Worked as cultural co-ordinator for whole Lonavala campus consisting of 10 institutes.
- Preparation of report for various bodies like NBA, AICTE, DTE, PUNE UNIVERSITY, LMC etc.
- Deeply involved in design, implementation of academic programmes and teaching – learning practices of excellence with innovations since 1995.

H. Association with Professional Bodies:

Member, Associate Member of research journal of Chemistry and Environment (AICCE).

Life Member of Indian Society for Technical Education, ISTE, Delhi.

Dr. Janhavi Inamdar


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RESUME

A. Personal Information :

- Name : Dr. Inamdar Janhavi Sandeep
- Ph no : 9987899586, 7722062553
- Email : janhavi3127@rediffmail.com
- Designation : Director and Professor in Civil engineering, Vishwaniketan's iMEET, Khalapur, Dist: Raigad, Maharashtra
- Address : B-52, Sector 12, Kharghar, Navi Mumbai
- Date of Birth : 27th March, 1965

B. Educational Qualification :

B. E. (Civil Engineering). 1987
 M. E. (Civil) Town and Country Planning. 1992
 Ph. D. (Civil & Environmental Engg) 2008 from Delhi College of Engineering.
 Title of the thesis: "Investigations on Solar Detoxification for Industrial Effluent Treatment Systems".

C. Experience : Total teaching Experience of 28 years

Administration experience: 2 years as Vice Principal and
 4 years as Principal, SKN Sinhgad Institute of Technology and science

Approved Professor and Approved Principal at University of Pune

D. Research and Development Projects:

A. European Union Project:

R & D Project sanctioned by European Union to BVCOE, New Delhi under Asia Link Programme. Visited Aalborg University Denmark for attending meeting with other partners Brunel University, U.K., Hunan University, China.

Title: "A multidisciplinary approach to curriculum development in sustainable built environment".

Grant Cost: Rs.42 Lakhs Duration: 3 years

Co-principal investigator in the above project with Prof. N. D. Kaushika as PI.

B. Key Role in establishment of 'School of Research and Development for Multi-disciplinary engineering sciences' in BVCOE, New Delhi and publication of biannual journal titled "Journal of Multidisciplinary Engineering Technologies" since January, 2005.

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C. Received one month fellowship in **Project Based Learning** in **Aalborg University, Denmark** through Erasmus Mundus program of European Commission in the month of May 2010.

D. Offered Consultancy to Kirloskar Consultants for various State Govt. Projects in the field of Soil Testing during 1990 – 1995.

E. Technical Papers :-

1. Janhavi Inamdar, S. K. Singh (2008), "Photocatalytic Detoxification method for Zero Effluent Discharge in Dairy Industry: Effect of operational parameters", *International Journal of Chemical and Biomolecular Engineering*, Vol. 1, No.4 160-164.
2. Janhavi Inamdar, S.K.Singh, "Techno-Economic analysis of Zero Effluent Discharge by use of Solar Detoxification at household level", *International Journal of Natural Sciences and Engineering*, Vol. 1, No. 4. pp.208-21
3. Janhavi Inamdar, Singh S. K., "Treatment of Industrial Effluents by Solar Detoxification", *Journal of Acta Ecologica*, Vol 6, No-2, Dec-2004.
4. Research paper titled "Zero Effluent Discharge by use of Solar Detoxification at household level" presented as oral presentation at International Conference International Congress of chemistry and Environment 2008 (ICER 2008) at BITS Goa Campus, on 18-20 Dec 2008.
5. Research paper titled "Photocatalytic Degradation and Recycling of wastewater for Paper & Pulp Industry with the help of TiO₂ photocatalyst" presented as oral presentation at International Conference on Changing Environmental Trends and sustainable Development 2009 (CETAS-2009) at Guru Jambheshwar University of Science & Technology, Hisar, on February 9-11, 2009.
6. Janhavi Inamdar, S. K. Singh, "Solar Energy Aided Treatment of Waste Water", Proceedings of National Conference on 'Scientific Solutions for Waste Management & Pollution Control' at Samrat Ashok Technological Institute, Vidisha (MP) on 4th October 2004, pp105-108.
7. Janhavi Inamdar, S. K. Singh, "Waste water disinfection and recycling at house hold level using solar detoxification" Proceedings of the 1st National Conference on Advances in Energy Research at IIT Mumbai on 4th and 5th Dec 2006, pp.201-204 .
8. Article entitled 'Waste Water Disinfection and Recycling at Household Level Using Solar Detoxification' accepted for publishing in an Icfai's professional Reference book: "Wastewater Recycling and Reuse". Date of publication: March 2009.

F. Conferences / Induction training programs attended:


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UG Fellowship

GEETHANJALI COLLEGE OF ENGINEERING & TECHNOLOGY
Cheeryal (V), Keesara (M). Medchal Dist, TS 501301
AUTONOMOUS

S.NO	ROLL NO	STUDENT NAME	1	2	3	4	5	6	7
		2021-22 SEM-I	Sub:	Sub:	Sub:	Sub:	Sub:	Sub:	Sub:
	4-I-A	SECTION-A							
1	18R11A0201	AGALDUTY MANASA		AP					
2	18R11A0202	ARUTLA AKHIL		Akhil					
3	18R11A0203	BALLEM YASHWANTH KUMAR							
4	18R11A0204	BANDARI KARTHIK							
5	18R11A0205	BANOTH SAI KUMAR							
6	18R11A0206	BATTHULA SAI SARANYA							
7	18R11A0207	BATTU SRI RAM							
8	18R11A0208	BILLA SAI DEEP							
9	18R11A0209	BOKINALA SUSHEEL JEEVAN							
10	18R11A0210	BUSHIGAMPALA SRAVANI GOUD							
11	18R11A0211	BUSSA SWETHA							
12	18R11A0212	C VENKATA SAUMYA		saumya					
13	18R11A0213	CHALLA MAMATHA							
14	18R11A0214	CHIDURALA YUKTHA SAI							
15	18R11A0215	D SHRUTHI		shruthi					
16	18R11A0216	EPPALA ARAVINDKUMAR							
17	18R11A0217	ETTABOINA MEGHANA		MEGHANA					
18	18R11A0218	GAJULA MILLEENA							
19	18R11A0219	GANDRA PAVAN KUMAR REDDY							
20	18R11A0220	GARSERI BHAVANI							
21	18R11A0221	GOLI CHAKRADHAR REDDY							
22	18R11A0222	GONE SANTHOSH KUMAR							
23	18R11A0223	GOPARAPU MANIKANTA		Manikanta					
24	18R11A0224	JAGILLAPURAM SATHISH KUMAR							
25	18R11A0225	KALALI AJAY KUMAR							
26	18R11A0226	KATTOJU MONESH BABU							
27	18R11A0227	KOMMU MAHESH							
28	18R11A0228	KOMPELly SAI KRISHNA							
29	18R11A0229	KONCHIGARI SETHUMADHAV		sethuma					
30	18R11A0231	KOTIKALAPUDI MADHU KAILASH							
31	18R11A0232	LAGUDU AKHILA							
32	18R11A0233	MADAGONI SHIVA SAI		shiva					
33	18R11A0235	MEKALA SAI SURYA REDDY							
34	18R11A0236	MERUGU GANESH							
35	18R11A0237	MORA VISHAL							
36	18R11A0238	MUDIGONDA SAI KARTHIK		karthik					
37	18R11A0239	NANGUNURI VINESH							
38	18R11A0241	NUTTAKKI SRUTHI KEERTHANA							
39	18R11A0242	OGURI NUMITHA DEVI							
40	18R11A0243	PALLAVI CHINTALAPUDI		Pallavi					

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GEETHANJALI COLLEGE OF ENGINEERING & TECHNOLOGY
Cheeryal (V), Keesara (M). Medchal Dist, TS 501 301
AUTONOMOUS

S.NO	ROLL NO	STUDENT NAME	1	2	3	4	5	6	7
	4-I-B	2021-22 SEM-I	Sub:	Sub:	Sub:	Sub:	Sub:	Sub:	Sub:
		SECTION-B							
1	16R11A0240	P NAVEEN KUMAR		Nav					
2	16R11A02A0	SINGAPAKA SWAPNA							
3	17R11A0263	BATTURUDAVATH SUMITH KUMAR							
4	17R11A0269	GODASU SANTHOSH KUMAR							
5	17R11A0274	JALANDHER AVINESH							
6	18R11A0255	AARAPALLY SOWJANYA		Sowjanya					
7	18R11A0256	AKULA SANDEEP		Sandeep					
8	18R11A0257	BAVANDLAPELLI MANIKANTA							
9	18R11A0258	BHARATH VYAS KULKARNI		Bharath					
10	18R11A0259	BHUKYA CHANDINI							
11	18R11A0260	BHUKYA LAKSHMAN		Laksh					
12	18R11A0261	BHUKYA PRAVEEN		Praveen					
13	18R11A0262	BODUKURIWAR SHIVA PRASAD							
14	18R11A0263	BOGA SAI VENKATA SWAROCHISH							
15	18R11A0264	BOLLAM PALSON							
16	18R11A0265	BOREDDY VIJAY BHASKAR REDDY		Vijay					
17	18R11A0267	CHINTHAKINDI SHIVA		Shiva					
18	18R11A0268	CHIRABOINA RAMESH YADAV							
19	18R11A0269	DASA PRANATHI							
20	18R11A0270	DASARI PRANITH		Pranith					
21	18R11A0271	DHEERAVATH DURGA PRASAD							
22	18R11A0272	DODDABOINA GAUTHAM		Gautham					
23	18R11A0273	ERIGI KEERTHANA		Keerthana					
24	18R11A0274	GUDIPATI SREE VENKATA SAI M							
25	18R11A0275	GORRE BHAVYA							
26	18R11A0276	GUGULOTH RAJESHWARI BAI							
27	18R11A0277	GUGULOTH SUJATHA							
28	18R11A0278	JONNALA GADDA DATHA SAI NEE							
29	18R11A0279	KAMPELLI KIRITI		Kirithi					
30	18R11A0280	KANURI YAMINI							
31	18R11A0281	KATIKAM JAYASREE							
32	18R11A0282	KUMMARI SAIKUMAR		Sai					
33	18R11A0283	KURRA SNEHITHA							
34	18R11A0284	KUTIKANTI SAI DIVYA TEJA GO							
35	18R11A0285	MADASTU RAVINDAR							
36	18R11A0286	MANDA ARJUN		Arjun					
37	18R11A0287	MATTA MADHU		Madhu					
38	18R11A0288	MEKA SRI CHANDANA							
39	18R11A0290	MUNJALA PAVANKUMAR							
40	18R11A0292	NALLAPARAJU VAMSHI KRISHNA							

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Department of CSE
Students to attend Vishwaniketan orientation on 17-12-19

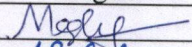
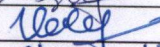
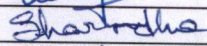


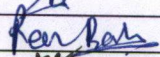

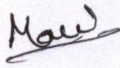
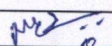

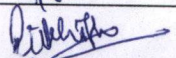
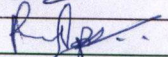
Department of CSE

Students to attend Vishwaniketan orientation on 17-12-19

No.	Roll No	Name	Class	
1	18R11A0523	Jaya Krishna		
2	18R11A0511	G Varun	II CSE-A	
3	18R11A0524	Sree Charan Reddy	II CSE-A	
4	18R11A0550	A Sai Krupa Chary	II CSE-A	
5	18R11A0554	Abhishek	II CSE-B	
6	18R11A0562	D Geethika	II CSE-B	B. Abhishek
7	18R11A05H4	Meghna Patnayak	II CSE-B	D. Geethika
8	18R11A05F9	Bhumika	II CSE-D	
9	18R11A05M9	M. Meghna	II CSE-D	
10	18R11A05N7	R. Sarayu	II CSE-E	
11	18R11A05P7	Y. Harsha Vardhan	II CSE-E	R. Sarayu
12	18R11A05Q0	M. Abhinav	II CSE-E	Harsha
13	17R11A0538	R. Jahnavi	II CSE-E	Abhinav
14	17R11A0528	Renuka	III CSE-A	Renuka
15	18R15A0501	Saritha	III CSE-A	
16	17R11A0536	Pooja	III CSE-A	Saritha
17	17R11A0542	Vara Lakshmi	III CSE-A	Pooja
18	17R11A0544	Shravya	III CSE-A	Vara
19	17R11A0547	Vidhya	III CSE-A	
20	17R11A0549	Aditi Kulkarni	III CSE-A	Vidhya
21	17R11A0570	Gokul Dalitha	III CSE-B	Aditi
22	17R11A05A2	Sravan Vishnu	III CSE-B	Gokul Dalitha
23	17R11A0598	Ch. Aishwarya	III CSE-C	Sravan Vishnu
24	17R11A05D5	Sai Teja Sai Kiran 17R11A05A4	III CSE-C	Ch. Aishwarya
25	17R11A05A0	Mounica S. Sowmya (5D2)	III CSE-C	Sai Teja Sai Kiran
26	17R11A05A8	Srivathala	III CSE-C	Mounica S. Sowmya
27	17R11A05H6	Rahman	III CSE-D	Srivathala
28	17R11A05H1	Shiva Shankar	III CSE-D	Rahman
29	17R11A05J3	Abhinav	III CSE-D	Shiva Shankar
30	17R11A05L8	K. Keerthana	III CSE-E	Abhinav
31	17R11A05P3	V. Shreya	III CSE-E	K. Keerthana
32	17R11A05N9	N. Tallapally (Malanika Tallapally)	III CSE-E	V. Shreya
33	17BE1A0517	Vikram Sai Battar	III CSE-E	N. Tallapally
34	17R11A05K3	B. Rohith	III CSE-E	Vikram Sai Battar
35	18R11A05CA	P. Nikhil Rao	II CSE-C	B. Rohith
36	18R11A05FB	V. Sathvik Epub	II CSE-C	P. Nikhil Rao
37	18R11A05FA	K. Sai latha	II CSE-C	V. Sathvik Epub
38	18R11A05B0	K. Sathvik	II CSE-C	K. Sai latha
39	18R11A05B6	K. Nikhil	II CSE-C	K. Sathvik
40	18R11A05AS	Charan Raju	II CSE-C	K. Nikhil
41	18R11A05PI	Akshay Kumar	II CSE-E	Charan Raju
42	18R11A05AS	Charan Raju	II CSE-E	Akshay Kumar
43	17R11A05OL	B. Raja	III CSE-A	Charan Raju
44	18R11A0592	T. Vishnuvardhan Reddy	II CSE	B. Raja

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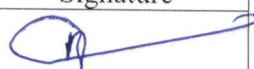

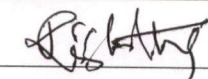









UG FELLOWSHIP
CIVIL ENGINEERING

S.No	R.No	Name	Signature
1	18R11A0107	BONTHA MEGANA	
2	18R11A0115	DAMALLA UDAYASRI	
3	18R11A0125	KARLAPALEM SHARMADA	
4	17R11A0107	B.VINAYAKASANTHOSH GOUD	
5	17R11A0116	KADE SHARANYA	
6	18R11A0151	SK REAZ BASHA	
7	18R11A0166	BACHA AKHILA	
8	17R11A0190	SHETTE SRIKANTH	
9	18R11A0182	KADARI MAHESH	
10	18R11A0195	MATTA THARPANI	
11	17R11A0139	S LIKHITHA RAO	
12	19R15A0110	BAIRI PRUDVIRAJ	



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UG FELLOWSHIP
MECHANICAL ENGINEERING DEPARTMENT

S.No	R.No	Name	Signature
1	18R11A0306	BANDI SAITEJA	
2	18R11A0334	MEKALA AKSHITHA	
3	17R11A0383	Rishitha putta	
4	17R11A0378	PANDA KAUSHIK	
5	18R11A0318	GUJJA RAJESH	
6	18R11A0346	PRASHANTH GAJAM	
7	19R15A0301	KANTA RAJKIRAN	
8	19R15A0305	G RUCHITHA	
9	18R11A0377	GANTAM YADAGIRI	
10	18R11A0369	CHEDALAVADA VIJJI	
11	18R11A0387	LINGAMPALLI SHIVA	
12	18R11A0393	NARVANENI PRAKHYATH ARYA	



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UG FELLOWSHIP

S.no	UG FELLOWSHIP Application for	Name as per Passport	Branch	University
1	MANAGEMENT	AkankSHAKA.VEMAVARAPU	ECE	Aarhus University, Denmark
2	ENGINEERING	Arpita P Savalagi	ECE	Tor Vergata University of Rome , Italy
3	ENGINEERING	noorbasha mohmed rafiq	ECE	Teesside University, Middlesbrough, UK
4	ENGINEERING	Gandra Rashmi	ECE	Aarhus University, Denmark
5	DESIGN	Lakpath Arun Prithviraj Kumar	CSE	Technical University of Sofia, Bulgaria.
6	ENGINEERING	Kalavagunta sai praneeth	ECE	Mae Fah Luang University, Thailand
7	ENGINEERING	Vemuri madhu venkata sai	CSE	University of Louisville, USA
8	ENGINEERING	Vallem sharun reddy	ECE	Aarhus University, Denmark
9	ENGINEERING	K Nikhil Ajay Raghava	Ece	University of Louisville, USA
10	ENGINEERING	Rishitha putta	Mechanical engineering	Teesside University, Middlesbrough, UK

MB

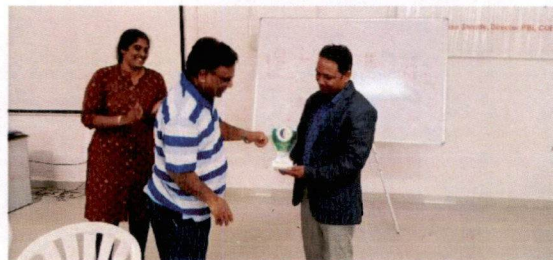
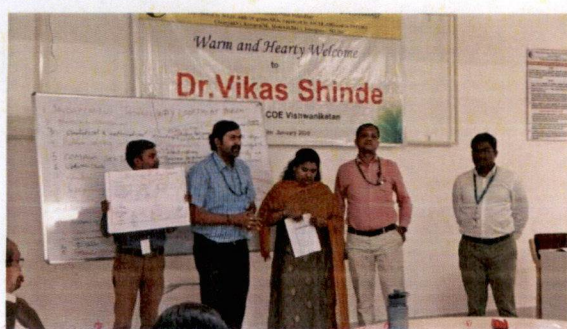
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(Accredited by NBA)

Introduction to PBL workshop

The first workshop to introduce Problem Based Learning (PBL) to the faculty of GCET was conducted on 4th and 5th January 2020 in the college by Dr. Vikas Shinde. Fifty-five (55) faculty from all departments attended the same. Dr. Vikas introduced the concept of PBL to the faculty and oriented the faculty about the importance of identifying the problem for a given course. The faculty prepared a problem canvas categorizing the different aspects of the identified problem. Dr. Vikas encouraged the faculty to present their work.

The faculty were divided into groups. Dr. Vikas the basic principles of PBL. The faculty worked on the PBL canvas for two days. Each group was asked to give a presentation regarding their canvas.




M
Geethanjali College of Engineering and Techn.
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Short Biography

Dr. Vikas Vithal Shinde PhD, M-Tech, B.E.
(Mech) Professor, Mechanical Engineering Department
Director, Centre of Excellence in Project Based Learning
(PBL) Vishwaniketan iMEET, Khalapur.

Dr. Vikas Vithal Shinde is currently working as Professor in the Mechanical engineering Department at Vishwaniketan iMEET, Khalapur, affiliated to Mumbai University. I have completed Ph.D in Project Based Learning (PBL) from Aalborg University Denmark in the year 2014, under UNESCO chair in PBL. I am the first PhD in PBL from and across India, awarded by the UNESCO chair in PBL. I am also working as Director; Centre of excellence in Project based Learning. In this capacity, my objective is to create an ecosystem for PBL implementation across the country and to create the network of the PBL institutes. The vision behind is to enhance the curricular, and teaching-learning methodologies practiced in engineering education, to enable shift towards outcome based education. I have conducted more than 63 workshops on PBL and various forms of Teaching-learning practices which also include workshops with international delegates from Denmark, Malaysia and USA. So far, I have trained more than 3100 teachers and worked with numerous students across India. In the recent past, I have been involved as reviewer of European Journal of Engineering Education, International Journal of Engineering Education, and many other international-national conferences. I also acted as consultant to spread PBL in India. I received prestigious "Erasmus Mundus Mobility for Life" scholarship from European Union from the year 2010-2014. I also work as Erasmus + project coordinator for Vishwaniketan. I have been nominated as Steering committee member representing Vishwaniketan, India for Erasmus+ project Capacity building in Higher education, having six consortium members including India, Denmark, Spain, Bulgaria, Thailand, and Pakistan. The project period is from Jan 2019- till Jan 2022. I have visited 17 countries and six international universities which include Aalborg University (Denmark), Coventry University (UK), Mae Fah Luang, Thailand, Aalto University (Finland), Chiang Mai, Thailand and Aarhus University, Denmark. I have more than 18 years of teaching experience and worked on various academic and administrative positions of the institute. I have published 07 text books, one international e-thesis with international ISBN (total download count is more than 1100) and more than 37 papers in national journal and six in international indexed database. I have two patents and in the past have been nominated for young scientist award (2005-2006). I have keen interest in the areas of Project based learning, Engineering Education, tribology and energy engineering. I am passionate about teaching, research; and wilful to contribute extensively in the engineering education of the country.


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Talks on EU proposal with Dr.Vikas Shinde

Day 1: 21st December 2019 Telephonic Conversation Time: 7.30pm

Details about the proposal

Dr.Sandeep Inamdar, Vice President Vishwaniketan and Dr.Janhavi Inamdar, Director Vishwaniketan have proposed to write the European Union Erasmus Consortium project in association with Geethanjali College of Engineering and Technology during their visit to the college (17-19 December 2019). The participating countries in this consortium project this year will be Finland, Italy, China and India. The participating colleges from India will be Vishwaniketan and Geethanjali College of Engineering and Technology. Dr.Sandeep Inamdar and Dr.Vikas Shinde, Director PBL-COE Vishwaniketan will guide the team of GCET through the procedures of this proposal. They have suggested that there should be a team in GCET to successfully conceive, write and submit the proposal.

The European Union projects are for the benefit of teachers, students and lab establishment/upgradation of the participating institutes of the project. The focus is on institute empowerment. They can be used for society benefit and are not means of making profits.

The details of the proposal mentioned by Dr.Vikas Shinde during the conversation are listed below:

Institute level requirements

1. The trust documents of the college should be made available. They have to be uploaded on to the EU website to register the college. If trust documents are not in English then they have to be translated and certified and verified.
2. Trust registration details should be available.
3. The legal signatory of the institute should be identified. The minutes of the meeting where the signatory was appointed (not older than 6months) should be available.
 - a. The legal signatory should represent and sign all the documents.
 - b. He/she should be answerable to settle any disputes
4. The college should identify the person who will represent the project. The identified person's email id should be uploaded on the EU website.

All documents should be on A4 size bond paper to enable easy uploading of the content on the website. Dr.Vikas Shinde will be visiting GCET from 3rd to 5th January 2020. He will help us upload all the documents. He will send a format of the application form and the checklist of required documents by 24th December 2019. We should have all the documents ready for uploading.

He has requested for a computer and scanner and the team of the proposal to be present on 3rd January 2019 to enable uploading of the institute documents on the EU portal.

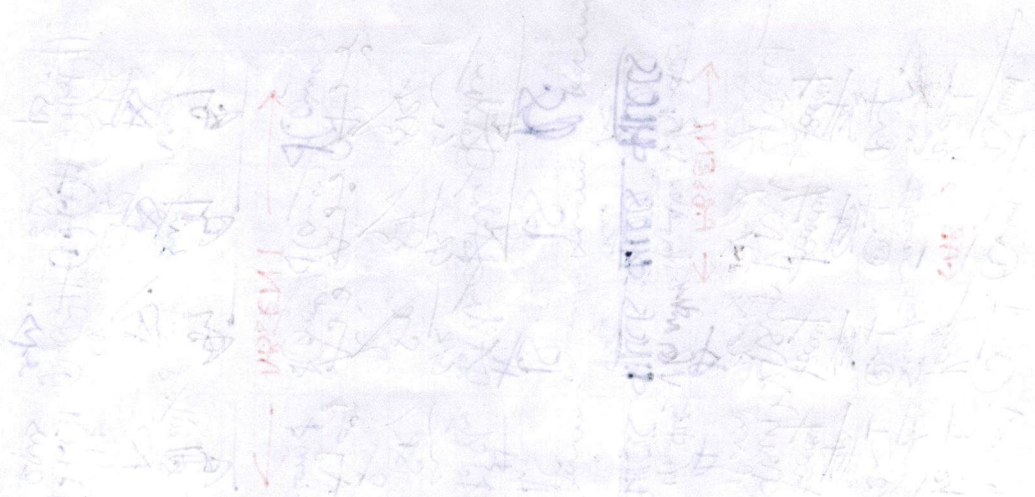
PROFESSOR
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Cheerayal (V), Keesara (M), Malachal Dist.(T.S.) 501 301

Geethanjali College of Engineering & Technology

ATTENDANCE SHEET - PBL WORKSHOP

S.NO	NAME OF THE FACULTY	DESIGNATION		PHONE NUMBER	EMAIL ID	DAY 1 - 4TH January 2020			
						Session 1	Session 2	Session 3	Session 4
1	D. Varun Kumar	Asst.Prof.	Civil	9603518307	devvaru2@gmail.com	Present	Present	Present	Present
2	B. Kowshik Reddy	Asst.Prof.	Civil	9618111054	bkowshikreddy@gmail.com	Present	Present	← AB →	Present
3	G Sampath Kumar	Asst.Prof.	Civil	8465086028	gandharisampathkumar@gmail.com	Present	Present	Present	Present
4	D.Ramachander	Asst.Prof.	Civil	9441113196	ramachander66@gmail.com	Present	Present	Present	Present
5	G. Raju	Asst.Prof.	Civil	9492213263	guggillaraju108@gmail.com	Present	Present	Present	Present
6	P. Supriya	Asst.Prof.	Civil	8801211727	supriyareddy0929@gmail.com	Present	Present	Present	Present
7	k.priyanka	Asst.Prof.	Civil	8074114005	priyankakrishna16@gmail.com	Present	Present	Present	Present
8	Hari Kiran	Assoc. Prof.	Civil	8113022249	sivivoosub@gmail.com	Present	Present	Present	Present
9	Harsha Praneeth	Assoc. Prof.	Civil	8008635080	iharshaet@gmail.com	Present	Present	← ABSENT →	Present
10	Mr.V.Goutham	Asst.Prof.	Civil	9985566511	vanamgoutham@gmail.com	Present	Present	Present	Present
11	M Raja Krishna Kumar	Assoc. Prof.	CSE	9703130166	mrkk.gcet@gmail.com	Present	Present	Present	Present
12	YVN Phani kishore	Asst.Prof.	cse	9000208680	yvnphanikishore@gmail.com	Present	Present	Present	Present
13	Ashok Sharma	Professor	CSE	9959985690	aks6d@yahoo.co.uk	Present	Present	Present	Present
14	Dr.Puja Prasad	Assoc. Prof.	CSE	7330860535	Puja.S.Prasad@gmail.com	Present	Present	Present	Present
15	A.Hare Krishna	Assoc. Prof.	CSE	768007039	kns.hari.K@gmail.com	Present	Present	Present	Present
16	A.Sree Lakshmi	Assoc. Prof.	CSE	9912188764	adepu.sreelakshmi@gmail.com	Present	Present	Present	Present
17	G.Praveen Kumar	Asst.Prof.	CSE	974051431	gopaveniPraveen@gmail.com	Present	Present	Present	Present
18	S.Ramanjaneyulu	Asst.Prof.	CSE	7396382291	ramanylicsrit@gmail.com	Present	Present	Present	Present
19	Y.Swathi Tejah	Asst.Prof.	CSE	9010703203	tejahyella@gmail.com	Present	Present	Present	Present
20	M.Ajay Kumar	Asst.Prof.	CSE	7849444921	ajaymumtad@gmail.com	Present	Present	Present	Present
21	J.Uma Mahesh	Asst.Prof.	CSE	8374878521	umamaheshjcet@gmail.com	Present	Present	Present	Present
22	Ch. Esther Varma	Assoc. Prof.	CSE			←	ABSENT	→	
*23	Praveen	Asst.Prof.	CSE			Present	Present	Present	Present
24	Dr.P.SriHari	Professor	ECE	9000836630	mail2pshari@yahoo.com	Present	Present	Present	Present
25	Dr.S.Saritha	Assoc. Prof.	ECE	9966344292	saritha.saladi3188@gmail.com	Present	Present	Present	Present
26	A. SUBRAMANYAM	Asst.Prof.	ECE	9000395815	subramanyamaradyula@gmail.com	Present	Present	Present	Present
27	OVPR. Siva Kumar	Professor	ECE	9490933019	ogirala.sivakumar@gmail.com	Present	Present	Present	Present
28	P Naresh Kumar	Asst.Prof.	ECE	9866373432	naresh.mn2322@gmail.com	Present	Present	Present	Present
29	Dr.P.Spandana	Asst.Prof.	ECE	9603296965	spandanamadhav@gmail.com	Present	Present	Present	Present

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Handwritten notes in blue ink, including the word 'MREEM' written vertically. The notes appear to be a list or a set of instructions, with some lines starting with '1.' and '2.'. The text is somewhat faint and difficult to read due to the handwriting and the quality of the scan.

Handwritten text in blue ink, including the word 'MREEM' written vertically. The text is partially obscured by the flowchart above it.

Handwritten notes in blue ink, including the word 'MREEM' written vertically. The notes are similar to the ones in the middle section, with some lines starting with '1.' and '2.'.

Geethanjali College of Engineering & Technology
ATTENDANCE SHEET - PBL WORKSHOP

S.NO	NAME OF THE FACULTY	DESIGNATION		PHONE NUMBER	EMAIL ID	DAY 1 - 4TH January 2020			
						Session 1	Session 2	Session 3	Session 4
30	M.Laxmi	Asst.Prof.	ECE	9392422999	laxmireddy.mitta9@gmail.com	[Signature]	[Signature]	[Signature]	[Signature]
31	Ch.Sandeep	Asst.Prof.	ECE	8978042911	sandeep.ece414@gmail.com	[Signature]	[Signature]	[Signature]	[Signature]
32	Dr.B.Madhuri	Assoc. Prof.	EEE	9010020113	mbayya@gmail.com	[Signature]	[Signature]	[Signature]	[Signature]
33	Raghuram Chandra	Asst.Prof.	EEE	8369581232		[Signature]	[Signature]	[Signature]	[Signature]
34	Dr. Anil Kumar Puppala	Professor	EEE	9160624935	apuppala@gmail.com	[Signature]	[Signature]	[Signature]	[Signature]
35	Dr. Harish Pulluri	Assoc. Prof.	EEE	9985267696	harishpulluri210@gmail.com	[Signature]	[Signature]	[Signature]	[Signature]
36	N V Bharadwaj	Assoc. Prof.	EEE	9391604163	bharadwaj23@gmail.com	[Signature]	[Signature]	[Signature]	[Signature]
37	E.HimaBindu	Asst.Prof.	EEE	9703880333	himabindusrinivas2015@gmail.com	[Signature]	[Signature]	[Signature]	[Signature]
38	Padmaja Voleti	Asst.Prof.	EEE	7330641430	padmajavoleti08@gmail.com	[Signature]	[Signature]	[Signature]	[Signature]
39	S.Poorna Chander Rao	Asst.Prof.	EEE	9533943555	SPCRbtech07@gmail.com	[Signature]	[Signature]	[Signature]	[Signature]
40	Dr T Siva Prasad	Professor and HoD	ME	9440822343	tallasiva@rediffmail.com	[Signature]	[Signature]	[Signature]	[Signature]
41	Dr SShyam Kumar	Professor	ME	9996016889	sskumarhyd@gmail.com	[Signature]	[Signature]	[Signature]	[Signature]
42	Dr.M.Devaiah	Professor	ME	9948606326	devaiah.malkapuram@gmail.com	[Signature]	[Signature]	[Signature]	[Signature]
43	Dr. Subhash Kamal	professor	ME	9948176918	subhashkamal@gmail.com	[Signature]	[Signature]	[Signature]	[Signature]
44	Mr. A. Santhosh	Asst.Prof.	ME	9494983343	aadharisanthosh@gmail.com	[Signature]	[Signature]	[Signature]	[Signature]
45	K Praveen	Asst.Prof.	ME	8008242589	Praveen.kola225@gmail.com	[Signature]	[Signature]	[Signature]	[Signature]
46	Rajasekhar vangala	Asst.Prof.	ME	9885280833	rajasekhar4v@gmail.com	[Signature]	[Signature]	[Signature]	[Signature]
47	K.Venkatesh	Asst.Prof.	ME	99510533538	venkateshkolusu@gmail.com	[Signature]	[Signature]	[Signature]	[Signature]
48	N.S.Raghavendra	Asst.Prof.	ME	9481808686	rnsavannavar01@gmail.com	[Signature]	[Signature]	[Signature]	[Signature]
49	Dr.J.V.Madhuri	Assoc. Prof.	FE	8790255193	vmadhuriupudi@gmail.com	[Signature]	[Signature]	[Signature]	[Signature]
50	Dr.K.Shashikala	Assoc. Prof.	FE	9908248973	kala.shashi2010@gmail.com	[Signature]	[Signature]	[Signature]	[Signature]
51	Dr.Venkateswarlu K	Assoc. Prof.	FE	7013137758	8449571238 venkat181@gmail.com	[Signature]	[Signature]	[Signature]	[Signature]
52	Mr.A.Shivakumar	Asst. Prof.	FE	9701541580	shiva4678@gmail.com	[Signature]	[Signature]	[Signature]	[Signature]
53	Dr. J. Pardhasaradhi	Professor & HoD	MBA	9032008030	saradhi_jps@yahoo.co.in	[Signature]	[Signature]	[Signature]	[Signature]
54	Dr. A.Sita Madhavi	Professor	MBA	9949469853	gsitamadhavi@gmail.com	[Signature]	[Signature]	[Signature]	[Signature]
55	V Sai kishore	Assoc. Prof.	MBA	9701920050	vsaikishore@gmail.com	[Signature]	[Signature]	[Signature]	[Signature]

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S.NO	NAME OF THE FACULTY	DESIGNATION		PHONE NUMBER	EMAIL ID	DAY 2 - 4TH January 2020			
						Session 1	Session 2	Session 3	Session 4
1	D. Varun Kumar	Asst.Prof.	Civil	9603518307	devvaru2@gmail.com	Present	Present	Present	Present
2	B. Kowshik Reddy	Asst.Prof.	Civil	9618111054	bkowshikreddy@gmail.com	Present	Present	Present	Present
3	G Sampath Kumar	Asst.Prof.	Civil	8465086028	gandharisampathkumar@gmail.com	Present	Present	Present	Present
4	D.Ramachander	Asst.Prof.	Civil	9441113196	ramachander66@gmail.com	Present	Present	Present	Present
5	G. Raju	Asst.Prof.	Civil	9492213263	guggillaraju108@gmail.com	Present	Present	Present	Present
6	P. Supriya	Asst.Prof.	Civil	8801211727	supriyareddy0929@gmail.com	Present	Present	Present	Present
7	k.priyanka	Asst.Prof.	Civil	8074114005	priyankakrishna16@gmail.com	Present	ABSENT	Present	Present
8	Haari Kiran	Assoc. Prof.	Civil			Present	Present	Present	Present
9	Harsha Praneeth	Assoc. Prof.	Civil	8008635080	iharshaent@gmail.com	Present	Present	Present	Present
10	Mr.V.Goutham	Asst.Prof.	Civil	9985566510	vanamgoutham@gmail.com	Present	Present	Present	Present
11	M Raja Krishna Kumar	Assoc. Prof.	CSE	9703130166	mrkk.gcet@gmail.com	Present	Present	Present	Present
12	YVN Phani kishore	Asst.Prof.	cse	9000208680	yvnphanikishore@gmail.com	Present	Present	Present	Present
13	Ashok Sharma	Professor	CSE	9959985690	aks6d@yahoo.co.uk	Present	Present	Present	Present
14	Dr.Puja Prasad	Assoc. Prof.	CSE	7330860535	Puja.S.Prasad@gmail.com	Present	Present	Present	Present
15	A.Hare Krishna	Assoc. Prof.	CSE	7680070303	Kris.hari.k@gmail.com	Present	Present	Present	Present
16	A.Sree Lakshmi	Assoc. Prof.	CSE	9912188764	adepu.sreelakshmi@gmail.com	Present	Present	Present	Present
17	G.Praveen Kumar	Asst.Prof.	CSE	4704051431	gopagonipraveen@gmail.com	Present	Present	ABSENT	Present
18	S.Ramanjaneyulu	Asst.Prof.	CSE	7396383291	ramayji.cst@gmail.com	Present	Present	Present	Present
19	Y.Swathi Tejah	Asst.Prof.	CSE	9010703203	tejahyalla@gmail.com	Present	Present	Present	Present
20	M.Ajay Kumar	Asst.Prof.	CSE	7849444944	ajayanaminalle@gmail.com	Present	Present	ABSENT	Present
21	J.Uma Mahesh	Asst.Prof.	CSE	8374878521	umamaheshs@jcet@gmail.com	Present	Present	Present	Present
22	Ch. Esther Varma	Assoc. Prof.	CSE			Present	Present	Present	Present
23	Praveen	Asst.Prof.	CSE			Present	Present	Present	Present
24	Dr.P.SriHari	Professor	ECE	9000836630	mail2pshari@yahoo.com	Present	Present	Present	Present
25	Dr.S.Saritha	Assoc. Prof.	ECE	9966344292	saritha.saladi188@gmail.com	Present	Present	Present	Present
26	A. SUBRAMANYAM	Asst.Prof.	ECE	9000395815	subramanyamaradyula@gmail.com	Present	Present	Present	Present
27	OVPR. Siva Kumar	Professor	ECE	9490933019	ogirala.sivakumar@gmail.com	Present	Present	Present	Present
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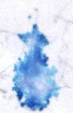
Geethanjali College of Engineering & Technology
ATTENDANCE SHEET - PBL WORKSHOP

S.NO	NAME OF THE FACULTY	DESIGNATION		PHONE NUMBER	EMAIL ID	DAY 4 - 4TH January 2020			
						Session 1	Session 2	Session 3	Session 4
30	M.Laxmi	Asst.Prof.	ECE	9392422999	laxmireddy.mitta9@gmail.com	✓	✓	✓	✓
31	Ch.Sandeep	Asst.Prof.	ECE	8978042911	sandeep.ece414@gmail.com	✓	✓	✓	✓
32	Dr.B.Madhuri	Assoc. Prof.	EEE	9010020113	mbayya@gmail.com	✓	✓	✓	✓
33	Raghuram Chandra	Asst.Prof.	EEE	8369581232		✓	✓	✓	✓
34	Dr. Anil Kumar Puppala	Professor	EEE	9160624935	apuppala@gmail.com	✓	✓	✓	✓
35	Dr. Harish Pulluri	Assoc. Prof.	EEE	9985267696	harishpulluri210@gmail.com	✓	✓	✓	✓
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51	Dr.Venkateswarlu	ANOC Prof.	FE (8449571238)	7013137758	Venkat1812@gmail.com	✓	✓	✓	✓
52	Mr.A.Shivakumar		FE	9701541580	shivay67@gmail.com	✓	✓	✓	✓
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Project Based Learning Canva Template

1. Basic information about the course	3. Important topics from Syllabus	5. Characterise the PBL Problem chosen in point no 4																																		
<p>Name: DR. B. MADHURI Designation: ASSOC. PROF. Department: EEE Year of Experience: 10 Qualification: Phd.</p> <p>Course information Name of the course: POWER ELECTRONICS Semester: II Branch: EEE</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Code</th> <th style="width: 85%;">Topics</th> </tr> </thead> <tbody> <tr> <td>T1</td> <td>POWER SEMICONDUCTOR DEVICES</td> </tr> <tr> <td>T2</td> <td>RECTIFIERS</td> </tr> <tr> <td>T3</td> <td>CHOPPERS</td> </tr> <tr> <td>T4</td> <td>INVERTERS</td> </tr> <tr> <td>T5</td> <td>DESIGN</td> </tr> <tr> <td>T6</td> <td>APPLICATION OF CONVERTERS</td> </tr> </tbody> </table>	Code	Topics	T1	POWER SEMICONDUCTOR DEVICES	T2	RECTIFIERS	T3	CHOPPERS	T4	INVERTERS	T5	DESIGN	T6	APPLICATION OF CONVERTERS	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;">Cognitive</th> <th style="width: 20%;">Yes or No</th> </tr> </thead> <tbody> <tr> <td>Complex/Challenging</td> <td></td> </tr> <tr> <td>Not well defined</td> <td></td> </tr> <tr> <td>Requires students Enquiry</td> <td></td> </tr> <tr> <td>It has single solution?</td> <td></td> </tr> <tr> <th colspan="2" style="text-align: center;">Content</th> </tr> <tr> <td>Authentic to the Discipline</td> <td></td> </tr> <tr> <td>Suitable to address CLOs</td> <td></td> </tr> <tr> <td>Relevant to the content</td> <td></td> </tr> <tr> <td>Concrete Learning experience</td> <td></td> </tr> </tbody> </table>	Cognitive	Yes or No	Complex/Challenging		Not well defined		Requires students Enquiry		It has single solution?		Content		Authentic to the Discipline		Suitable to address CLOs		Relevant to the content		Concrete Learning experience	
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2. Course Learning Objectives (CLO)	4. Please find a suitable PBL Problem statement(s) for topics identified in the point no 3.	6. Stepwise problem solving activities for the problem chosen in point no 4																																		
<p>CLO1. Examine controlled switches</p> <p>CLO2. Understand types of power conversion techniques</p> <p>CLO3.</p> <p>CLO4.</p> <p>CLO5.</p> <p>CLO6. Design</p> <div style="text-align: right; margin-top: 20px;"> <p>PRINCIPAL Geethanjali College of Engg. and Tech. Cheerayal (V), Keesara (M), Medchal Dist. (T.S.)-501 301</p> </div>	<p style="font-size: 1.2em;">Design of load based bi-directional converter (V-H & H-V)</p> <p>Design The power drawn from a vehicle to power homes is increasing increasing to create self sustainability in power. The need is to create design a converter which draws power dependent on the load</p>	<p style="text-align: center; font-weight: bold;">Form teams</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 10%;">PA1</td> <td>Analysis of controlled switches</td> </tr> <tr> <td>PA2</td> <td>Analyse existing / related ^{configurat}</td> </tr> <tr> <td>PA3</td> <td>Simulate Identify components ^{of specific}</td> </tr> <tr> <td>PA4</td> <td>Simulate basic / starting ^{circuits}</td> </tr> <tr> <td>PA5</td> <td>Modify design to meet ^{specifications}</td> </tr> <tr> <td>PA6</td> <td>Develop prototype</td> </tr> <tr> <td>PA7</td> <td></td> </tr> <tr> <td>PA8</td> <td></td> </tr> <tr> <td>PA9</td> <td></td> </tr> </tbody> </table>	PA1	Analysis of controlled switches	PA2	Analyse existing / related ^{configurat}	PA3	Simulate Identify components ^{of specific}	PA4	Simulate basic / starting ^{circuits}	PA5	Modify design to meet ^{specifications}	PA6	Develop prototype	PA7		PA8		PA9																	
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Project Based Learning C lass Template

7. Learning	8. Other Influencing Parameters	9. Identify the learners who are going to solve the problem identified in point no 4																												
<p>1. Which topics are important for Solving the problem identified in point no 4</p> <table border="1" style="width: 100%; border-collapse: collapse; margin: 10px 0;"> <thead> <tr> <th style="width: 15%;">Topics</th> <th style="width: 15%;">Highly</th> <th style="width: 15%;">Medium</th> <th style="width: 15%;">Low</th> </tr> </thead> <tbody> <tr><td>T1</td><td></td><td></td><td></td></tr> <tr><td>T2</td><td></td><td></td><td></td></tr> <tr><td>T3</td><td></td><td></td><td></td></tr> <tr><td>T4</td><td></td><td></td><td></td></tr> <tr><td>T5</td><td></td><td></td><td></td></tr> <tr><td>T6</td><td></td><td></td><td></td></tr> </tbody> </table> <p>2. Which are the existing course topics other than above which students will learn in the problem solving process?</p> <p>3. Which NEW topics other than above which students will learn in the problem solving process?</p>	Topics	Highly	Medium	Low	T1				T2				T3				T4				T5				T6				<p>1. In your opinion, how many weeks would students require to solve this problem by a group of students?</p> <p>2. List out the essential Resources/infrastructure required supporting the problem solving process?</p> <p>3. Whether institute have these facilities? Yes/No If no, what extra resources would be required?</p>	<p>1. Total number of Students taking the course?</p> <p>2. How many Students per team would be required to solve the problem?</p> <p>3. Whether the students have experience of problem solving/ project before? Yes/No Your comments</p> <p>4. Whether the chosen problem requires Finance? If yes. How much in Rs.?</p> <p>5. Identify at least three industries or Industry Mentors who are working in the problem area identified in the point 4.</p>
Topics	Highly	Medium	Low																											
T1																														
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Project Based Learning Canvas Template

13. What are the targeted Learning outcomes of the students in the PBL? (Refer NBA Learning Outcomes provided to you)

Learning Outcome from NBA	Possible Learning Activity Associated with it (Refer, Problem statement and problem solving activities)	Possible outcome of the activity
a.	Compare controlled switches	
b.	Identify	
c.		
d.		
e.		
f.		
g.		
h.		
i.		
j.		
k.		

Note: In PBL possible outcomes are Product/ Process/ Concept map/ Algorithm/ Analysis/ Design/ Survey Outcomes/Programme/Presentations/Drawings/Software/Simulation/Circuit diagrams/Network/concept map etc.

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Vishwaniketan's Centre of Excellence in PBL
 e-mail- director.pbl@vishwaniketan.edu.in

Mobile No- 9762051751

Project Based Learning Canvas Template

14. Please mention how many marks can be awarded to the students for completing the project?

Marks for Project:

How project marks will be divided in various subparts for example teamwork, report, analysis, code etc.)

Assessment / Evaluation scheme for Project :

Parameter					
Marks					

15. Rubric Design: Which parameter from above TABLE is selected for rubric design Practice?

Parameter:

et it ne bc

Outcome/ Parameter					

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Introductory workshop on "Problem and Project Based Learning"

Date: 4th-5th Jan 2020

Work Book of (Dr. B. MADHURI, EEE)

Q.1	<p>Write down three objectives of attending this workshop? (Writing)</p> <ul style="list-style-type: none"> > To understand <u>implementation aspects of PBL</u> > To inculcate <u>PBL in Engineering teachers</u> > To be able to <u>design problems.</u>
Q.2	<p>What are your observations from the VIDEO just shown to you? (Reflective exercise-use of video)</p> <ol style="list-style-type: none"> 1. <u>Enabling Creativity</u> 2. <u>Teacher to be treated with respect</u> 3. <u>Introducing new teaching practices which include learning by doing</u> 4. <u>Educating by collaboration.</u> 5. <u>Investing in future</u>
Q.3	<p>What are important skills for graduates? (Think-Pair-Share)</p> <ol style="list-style-type: none"> 1. <u>Independent Thinker</u> 2. <u>Team worker.</u> 3. <u>Ability to identify problems around them</u> 4. <u>Entrepreneurship skills</u> 5. <u>Communication skills</u> 6. <u>Adaptability</u> 7. <u>Ethical thinking</u>
Q.4	<p>Please write six important learning objectives (CLO) of your course by using Bloom's Taxonomy table provided to you (Use of Tables)</p> <p>Course Name: <u>Power Electronics, III</u> Year: _____ Semester: <u>II</u></p> <ol style="list-style-type: none"> 1. <u>Examine</u> the <u>power semiconductor devices</u> 2. <u>Classify</u> types of <u>power conversion techniques</u> 3. <u>Analyze</u> the different <u>power conversion circuits</u> 4. <u>Evaluate</u> the <u>performance power conversion circuit</u> 5. <u>Compare</u> the <u>power conversion methods</u> 6. <u>Design</u> <u>power electronic converter for real time applications</u>

Introductory workshop on "Problem and Project Based Learning"

Date: 4th-5th Jan 2020

Q.5	Identify three engineering/professional problems from your field? (Use of Pictures) 1. 2. 3.
Q.6	What are the three principles of PBL? 1. Cognitive 2. Content 3. Social
Q.7	What are the eight characteristics of a PBL problem? a) Challenging b) not well defined c) Ask students inquiry/research d) Should not have a single solution (e) Relevant to the discipline (f) Relevant to the content to be learned (g) Selected to suit learning objective (h) Must provide concrete learning experience
Q.8	NBA - Programme Outcomes a. ✓ The Graduates will demonstrate basic knowledge in mathematics, science and engineering. b. ✓ The Graduates will demonstrate the ability to design and conduct experiments, interpret and analyse data, and report results. c. ✓ The Graduates will demonstrate the ability to design a system or a process that meets desired specifications and stakeholder requirements. d. ✓ The Graduates will demonstrate the ability to function effectively in disciplinary or multidisciplinary teams. e. ✓ The Graduates will demonstrate the ability to identify, formulate and solve engineering problems. f. ✓ The Graduates will demonstrate an understanding of their professional and ethical responsibilities. g. ✓ The Graduates will be able to communicate effectively in both verbal and written forms. h. ✓ The Graduates will have the confidence to apply engineering solutions in global and societal contexts. i. ✓ The Graduates should be capable of self-learning and clearly understand the value of lifelong learning. j. ✓ The Graduates will have an understanding of the impact of engineering decisions on society and environment k. ✓ The Graduates will be familiar with modern engineering tools and equipment to solve engineering problems.
Q.9	What was the muddiest point for you in the workshop? 1. 2. 3.

Thanks and Best Regards

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 Cheeryal (V)

Geethanjali College of Engineering and Technology,
Cheeryal (V), Medchal (D), Hyderabad – 501 301

Dt: 18/01/2020

Department of Electronics and Communication Engineering

CIRCULAR

The following is the list of courses for PBL implementation during the current semester. The name of the faculty members implementing PBL is also mentioned against each of the courses.

Sl.No.	Name of the Course	Year	Name of the Faculty Member
1	Simulation Lab	II Yr-II Sem	Dr.P.Srihari, Ms.M.Laxmi
2	Analog Communications Lab	II Yr	Dr.S.Saritha, Mr.P.Naresh Kumar
3	LIC Lab	II Yr	Prof.O.V.P.R.SivaKumar, Mr.A.Subramanyam
4	DSP Lab	III Yr-II Sem	Dr.S.Spandana
5	VLSI Lab	III Yr-II Sem	Ms.G.Sreelakshmi, Mr.Ch.Sandeep

The above faculty members are requested to prepare the list of project in the respective lab courses for implementing PBL. This implementation starts immediately after MID-I examinations.

Prof.B.Hari Kumar



HoD-ECE

Copy to : The Principal -- for kind information.

Circulation to : Faculty of ECE Dept.

Sent what's app on 18/01/20

7:00 PM

To: Mr. Madhuri (ECE)
S/S
9/20/20

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Geethanjali College of Engineering and Technology

Cheeryal (V), Keesara (M) RR Dt. AP – 501301

CRT Training Evaluation Form for Semester 2.AY 2013-14. Date: _____

Training Provided by: M/s TIME. Students participated: 2nd and 3rd year B.Tech.

Providing the following personal information is optional.				
Name :	P. Anusha	Roll No. 12R11A1299	Dept: IT	Class: IT-13,

Please indicate your impressions of the items listed below.

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1. The training meets the expectations for the placement requirements.	<input checked="" type="checkbox"/>				
2. The knowledge obtained, can be used for the interviews / tests.		<input checked="" type="checkbox"/>			
3. The content is well organized and easy to follow.			<input checked="" type="checkbox"/>		
4. Punctuality maintained		<input checked="" type="checkbox"/>			
5. The materials distributed are pertinent and useful.				<input checked="" type="checkbox"/>	
6. The trainers are knowledgeable.		<input checked="" type="checkbox"/>			
7. The quality of instruction is good.			<input checked="" type="checkbox"/>		
8. Class discipline is maintained.					<input checked="" type="checkbox"/>
9. Class participation and interaction are encouraged.			<input checked="" type="checkbox"/>		
10. Adequate time is provided for questions and discussion.	<input checked="" type="checkbox"/>				
11. Do you prefer this training to be continued in future also?		<input checked="" type="checkbox"/>			
12. How do you rate the training overall?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Excellent	Good	Average	Poor	Very poor

13. What aspects of the training could be improved?

14. Can you pl mention reasons why some of the students are not attending the training Classes.

15. Other comments, if any, please specify.

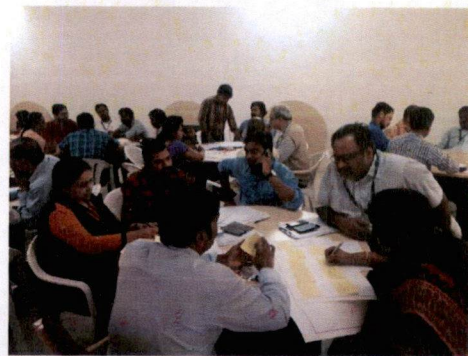
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Course level PBL orientation Workshop

In continuation to the first workshop, a course level PBL workshop was conducted on 24th and 25th January 2020. The same faculty from the first workshop attended the same. In this workshop the aspects of implementation of PBL for a particular course was introduced. Each department identified two courses for PBL implementation in the first semester of academic year 2020-21. The faculty learnt the concept of storyboard for a course. The course level PBL canvass helped the faculty to identify and create a clothes line model for a particular problem.




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PBL Level 2 Workshop

Two days workshop on

Design and Development of Course Level Project Based Learning (CL-PBL) Curriculum

Day 1	Time	Activities	Material needed
Session-1	10:00 am to 11:30 am	Revision of PBL and PBL canvas/ Recreation of PBL canvas/ Problem Identification	Original/New canvas/ Workbook and sheet for PBL canvass
Tea Break			
Session-2	11:45 am to 01:15 am	Principles and elements of PBL Curriculum Design Vishwaniketan PBL Models	Workbook and sheet for Curriculum Design Canvass
Lunch Break			
Session-3	02:00 pm to 03:30 pm	Designing a PBL Course	Curriculum Design Canvass, sketch pens and sticky notes of different colour
Tea Break			
Session-4	03:45 am to 04:45 pm	Designing a PBL Course	Curriculum Design Canvass, sketch pens and sticky notes of different colour
End of the day			
Day 2	Time	Activities	Material needed
Session-5	09:30 am to 11:30 am	Assessment Design	Curriculum Design Canvass, sketch pens and sticky notes sticky notes of different colour
Tea Break			
Session-6	11:45 am to 01:15 am	Rubric for Assessment	Curriculum Design Canvass, sketch pens and sticky notes sticky notes of different colour
Lunch Break			
Session-7	02:00 pm to 03:30 pm	CL-PBL Posters Presentation	Curriculum Design Canvass, sketch pens and sticky notes sticky notes of different colour
Tea Break			
Session-8	03:45 am to 04:45 pm	Empathy Map Creation and production of Learning Material	Curriculum Design Canvass, sketch pens and sticky notes sticky notes of different colour

ViMEET PBL Centre of Excellence


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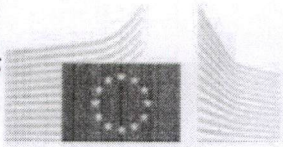
Submission of Erasmus proposal

The European commission every year invites proposals under the Erasmus scheme. These schemes are focused on developing education (teaching and research) tools and methods for the efficient teaching. Under this scheme the team from GCET with Vishwaniketan as lead submitted the national project 'DiPPMALA' in association with Finland and Italy on 5th February 2020.

The team from GCET comprised of

1. Dr.Madhuri Bayya – EEE
2. Dr. Shyam Kumar - Mechanical
3. Mr.Harikiran - Civil
4. Dr.G.Sreelakshmi – CSE
5. Dr.Vallisree – ECE
6. Mr.Harekrishna – CSE
7. Mr.Y.Phani Kishore - CSE


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Brussels,
EACEA.A.4/ARES(2020)

Sandeep Inamdar
VISHWANIKETAN
B-52 SECTOR-12 KHARGHAR NAVI MUMBAI
KHARGHAR
IN - 410210

Programme	EPPKA2 - Cooperation for innovation and the exchange of good practices
Action	CBHE-JP - Capacity Building in higher education - Joint Projects
Proposal	Call for Proposals 2020 - EAC-A02-2019-CBHE
Application No	619214-EPP-1-2020-1-IN-EPPKA2-CBHE-JP
Title	Digitalized PBL Public Portal for Modernizing Adult Learning Approach
Decision	REJECTED

Dear Applicant,

You have submitted an application to the Erasmus+ programme, 2020 call for proposals of the action specified above. The call for proposals closed on 05/02/2020. The Education, Audiovisual and Culture Executive Agency (EACEA) received 1005 eligible applications for this call.

I am writing to inform you about the selection decision taken by the Head of Department of the Agency, acting in her capacity as authorising officer, based on the recommendations of an Evaluation Committee assisted by external experts.

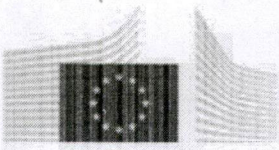
The selection decision is based on the quality of the application, its relative position in comparison to the other applications submitted and the budget available. Applications were assessed on a scale from 0 to 100 and were ranked by Region according to merit.

In addition, the selection decision took into account the geographical balance within a Region in terms of the number of projects per country (within the limits of the available budget), the need to ensure that the overall results of the selection guarantees a sufficient coverage of the priorities of the Action and the respect of the condition that an applicant organisation cannot receive more than three grants under a CBHE call.

I regret to inform you that your application has not been selected for EU co-funding.

The table below provides you with an indication where your proposal was situated. Your application was considered as Group II.

Groups		Number 1005 (100%)
I	Applications of very good quality (score higher than 75 points out of 100)	132 applications (13,13%)
II	Applications of good quality (score between 60 and 75 points out of 100)	539 applications (53,63%)
III	Applications of weak quality (score less than 60 points)	334 applications (23,24%)



EUROPEAN COMMISSION

Education, Audiovisual and Culture Executive Agency

Eras+mus+ : Higher Education - International Capacity Building

For your information, out of the 1005 applications submitted 164 have been selected for funding and 20 have been placed on a reserve list.

The list of all selected projects and success rates by Regions will be published on the website of the Executive Agency when all applicants have been notified about the selection results:

http://eacea.ec.europa.eu/erasmus-plus/selection-results_en

Attached to this letter you will find an evaluation report of the Evaluation Committee.

We thank you for the interest you have shown in the Programme and the time and effort you have invested in preparing your application. This decision is in no way a negative reflection on the value and importance of your proposal.

For information on future Calls for proposals under the Erasmus+ programme, please refer to the web page:

http://eacea.ec.europa.eu/erasmus-plus/funding_en

Yours sincerely,

Ralf RAHDERS
Head of Unit

Information on legal remedies

You will find information on the available means of redress for challenging this decision under the following link:

https://eacea.ec.europa.eu/about-eacea/legal-remedies-0_en

Should you experience problems accessing the link, please contact the Agency at EACEA-REDRESS@ec.europa.eu

Appendix: Annex 1 - Evaluation report

Contact: eacea-eplus-cbhe-projects@ec.europa.eu

M
EACEA
Education, Audiovisual and Culture Executive Agency
1049 Bruxelles/Brussel, BELGIQUE/BELGIË
CP 1049/101, Rue de la Woluwe 62, 1200 Brussels

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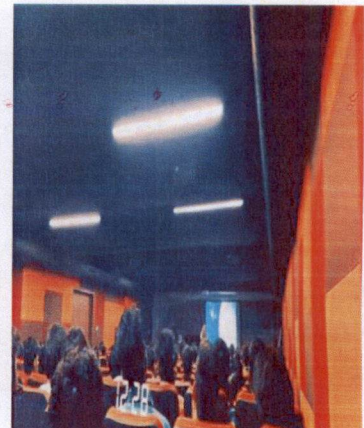
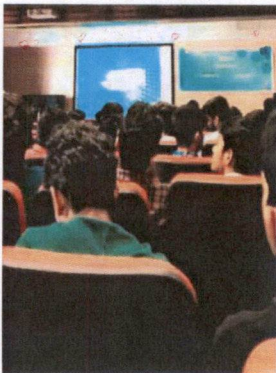
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Introduction of business club and PBL to students of GCET by Dr.Sandip Inamdar

The first year faculty including head of the department (HoD) Dr.Neeraja Rani and others interacted with Dr.Inamdar on 24th January 2020 to lay foundation of PBL for the first year. In this context, Dr.Inamdar proposed starting of business club for students. The students will be encouraged to research current technology trends in the market and study the business model required to market the same. Dr.Nagamani agreed to be the coordinator for the same.

Subsequently, Dr.Inamdar interacted with the students of first, second and third years to orient them about adapting PBL into their learning to enable them to be future ready. He also emphasized the undertaking of UG fellowship



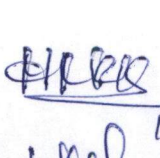
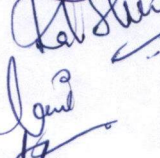
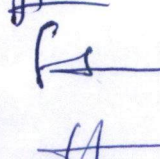
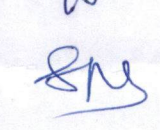


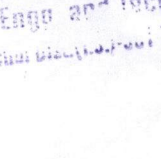





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PBL - Meeting

Dt: 13-02-2020

Time: 2-30 PM
Venue: IT Seminar Hall
III floor, I Block

<u>Sl. No.</u>	<u>Name of the faculty</u>	<u>Department</u>	<u>Signatures</u>
1.	V. Sai Kishore	M.B.A.	<u>Sei</u>
2.	N.V. Bhasadwaj	EEE	
3.	Dr. P. Harish.	EEE	
4.	A. Rajuram Chandra	EEE	
5.	M. Raja Kishore Kumar	CSE	
6.	A. Sree Lakshmi	CSE	
7.	M. Laxmi	ECE	
8.	Harsha. P	CE	
9.	Sampath	CE	
10.	Harekrishna	CSE	
11.	Dr. S. Spandana	ECE	


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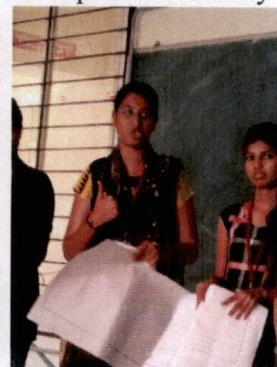
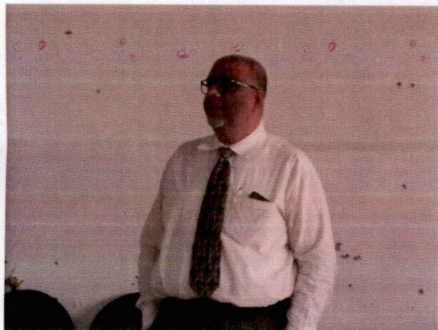
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Course level PBL implementation interaction with Vishwaniketan faculty

In continuation from the first two PBL workshops, all departments identified the courses and the respective faculty for implementation of PBL. On March 3rd and 4th Mr.Sharad Wagh and Mr.Santosh Nemade interacted with ECE faculty. Dr.Srihari and Dr.Spandana presented their CLPBL presentations and received feedback for the same. They also reviewed final year projects for viability for business bootcamp. They also had an interaction with the students to orient them about PBL.

Mr.Dinesh Israni interacted with the students and faculty of MBA department. The faculty had already started their implementation.

Dr.Vikas Shinde reviewed the CLPBL presentations of the Mechanical department. Dr.Ravikumar and Dr.Subhash presented. He also looked at the final year projects to identify them for product viability.



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Geethanjali College of Engineering and Technology

Department of ECE

Day 1: 4th March 2020

The PBL Pitch presentation was prepared for 2 courses in ECE Department. IInd year course: Simulation lab and IIIrd year course: Digital signal processing lab. Dr Santosh Kumar and Mr Sharath as a team from **VISWANIKETHAN COLLEGE** visited to GCET.

The PBL pitch was presented by Dr P Srihari sir on simulation lab and Dr S Spandana madam on DSP lab in presence of PBL team from 10.30 AM to 1.05PM. Dr Spandana Madam proposed 10 projects to implement in PBL.

The PBL team visited the project exhibition in R & D lab, to judge the best innovative projects carried out by students from 1.45pm.

Day 2: 5th March 2020

The PBL Pitch presentation was given to students in forenoon for B.Tech ECE II years and in afternoon B.Tech ECE III years.

Dr P Srihari sir gave PBL pitch presentation to II year students on the course Simulation lab and Dr S Spandana madam and Prof. OVPR Siva Kumar sir gave PBL pitch presentation to II year students on the course Digital Signal Processing lab.

Key points :

1. The key design and professional practice concepts are learnt over time and evolve with every opportunity through projects applied for learning various concepts, particularly complex concepts.
2. The projects are first designed and selected based on the learning outcomes desired at each level.
3. The projects chosen allow for open-ended problem solving and application of theoretical concepts to real-time problems.
4. The most important criterion is that the problem should allow for multiple solutions.

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5. A design problem is chosen, which usually has many solutions, and students learn to evaluate these solutions and select the most appropriate as per the situation.
6. The projects give students the freedom to explore the context, define boundaries, research various sources and come up with a range of alternative solutions. In other words, the project brief or aim does not narrowly specify the solution or what should be built.
7. Projects allow for some freedom of expression and some experimentation in order for students to select the most appropriate solution.
8. Some projects allow for the consideration of not only technical aspects, but also economic, socio-cultural and ethical factors.
9. We try to emphasize that the closer the projects are to commercial reality the better, as it trains students to handle real-world problems that they may face in their professional careers.
10. Through project-work experiences, students learn to combine knowledge and experiences in new ways, and build a broader base of knowledge and skills to draw from, leading to innovative solutions.
11. The projects encourage team-work.
12. The projects usually require a number of tasks to be carried out within a tight deadline, requiring students to share the workload in order to achieve an acceptable outcome.
13. The projects require students to apply relevant theory, and encourage students to integrate the knowledge gained from all their courses.
14. Most real-world problems and their solutions are not restricted to mono-disciplines, so that students learn to draw information from multi disciplinary areas.

Two days' workshop on

“Stepping towards Problem and Project based Learning: Introductory workshop”

Day 1

Time Activity Topic Outcomes 10:00 – 12:00 Presentation and team activity

Needs to change towards PBL

Necessity for change Base for the workshop will be created 12:00 – 01:00 Presentation and team exercise

Introduction: to PBL and various models

Problem Identification practice PBL principles and Models 01:00-02:00 Lunch 02:00-03:30 Presentation and

discussion

Team Based Exercise - Project Design

PBL Curriculum Design Practice 03:30:05:00 Activity PBL Canvas Preparation of the course level PBL canvas and models. Submission for evaluation **Day 2**

Time Activity Topic Outcomes 09:00 – 10:00

Presentation Course Level PBL (CLPBL) Comments on PBL

models Participant Presentation 10:00 – 11:30

Design activity Design of PBL Eco-system Holistic model design

PBL-Eco. Canvas 11:30- 01:00

Presentation Improving Effectiveness of

PBL: Teamwork and Supervisors Role

Important for sustainable model These are imp. Skills 01:00-02:00 Lunch 02:00- 03:30

Presentation Assessment in PBL Assessment drives

learning, thus needs careful assessment design 03:30-4:30 Rubric design Team Based Exercise-Rubric

Design

Learn to design Tool for assessment. Must learn for all teachers. 4:30-5:00 Vote of Thanks Question and answers,

Feedback

Doubt clearing

Prerequisites

1. The workshop is intended for all the staff members, who intend to improve their teaching-learning practices. Here staff needs to bring copy of the syllabus along with them.
2. The basic PA system with media player facilities will be required for the

workshop. If seminar hall is having flexibility for the movement of the chairs or benches, it will be highly desirable. If not we need to manage team activities in the seminar hall only. 3. In the group activity, organisers need to provide A2 sized sheets and set of sketch

pens (06) to each group. 4. Workbook and PBL canvas photocopies equal to the number of participants would be required and same must be provided to all participants. Original workbook and canvass will be provided by the speaker through mail. Participants need to complete the daily activities and submit it to the speaker for the evaluation. 5. In the workshop, 13 student centric activities will be conducted, thus the staff is requested to learn these practices as well. This will help them to make class environment conducive for the active learning. 6. One coordinator from the institute may be appointed for mutual communication.

Instructions Problem Design and Teamwork

Curriculum Design CL-PBL Poster Presentation

PBL UPDATES

Date: 03/03/2020 & 04/03/2020

Time: 9.30am - 4.00pm

Person: Dinesh Israni

Department

M.B.A

Faculty Coordinators

Dr. Mrs A. Sita Madhavi & Mr. Sai Kishore

Work Done

Dr. Sita Madhavi showed the PBL Charts and the presentations made. Post that had interaction with First Year MBA students. They have been divided in 9 groups and topics had been given to cover the concepts of Marketing Management & Finance Management.

Group Feedback

No.	Project Name	Team members	Feedback	Recommendation
1	Watches	Ch. Prameela Chandana Gayatri Kanya Percy Lakshita	Presentation was good, effort was put by only two team members. Was very impressed by one student who had a problem with the language yet overcame and spoke really well.	This team is really passionate about their project on watches. I request this team be connected to technical team and their product can be developed by the future batch of Engg. Recommend them for Bootcamp
2.				

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3.	Old World Restaurant	K. Likhita B. Gayatri M. Nikita T. Sahiti D. Sushmita E. Bhagyalakshmi	Concept is fabulous. Presentation skills need to be worked on. One of the teams to have a great clarity of thoughts.	Strongly recommend them for Bootcamp. Kindly help them with a Business Plan as their concept will really do very well. A very potential Startup.
4.	Interior Designing under a budget	Sonal Pavani Sarah Revathi Megha Jyoti	Team needs to work on the concept a lot more.	Kindly connect them to some team of Engg. Project and let them make a Marketing & Finance Plan for those projects.
5.	Boutique	B. Deekshita K. Soumya Laxmi Alekhya Lavanya Anju	Fantastic concept. Aggregator model. This team will need tech support, if given this concept can be a great startup	Strongly recommend them for Bootcamp where they can truly make their Business Model. Kindly encourage this team to a startup.
6.	Car Service	Abhijeet Vamshi Rakesh Shiva Kumar Ratan Raj Srinath	Only Abhijeet & Vamshi were present. Concept is fantastic, team lacked passion. Vamshi & Abhijeet both are great potential candidates, I guess they lacked confidence.	Give them some more time to work on the same topic. This am sure can be a very sustainable and fundable startup, provided the team focusses. Bootcamp will help this team as well but push them only if they interested else will be a wasted

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Mysore (K), Karnataka 575 002

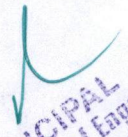
				exercise for them.
7.	Food Court	Vinay Kumar Jayakrishna Prabhdas Naveen Vijay	Cannot give a feedback for this team as only Prabhdas was present.	Will recommend something for this team after meeting the team
8.	Organic Foods, Veggies, and Yoga Studio	Ashok Praveen Nitesh Gishnu Shiva Manitej	Team with no focus. They were not very clear with what they want. Lack of research. One student who is basically a farmer looked passionate about farming, suggest if he is given some place to work in college campus.	Suggest this team to be given the project of Engg to make a Marketing & Finance Plan for them.
9.	Food Truck	Savjanya Shalini Roshni Manasa Reshma	Great Plan & Concept. Team is also clear with what they wanted, just lacked confidence	Suggest they be given a small space in college to start a small food corner, this will help them get some more insight into the project

Tasks Given

- Students to make a Napkin Pitch of 40 seconds to promote themselves
- All the above teams to make a small ad regarding their topics.

Suggestion

The best way for the above students to get trained in Marketing & Finance Management is to give them projects made by Engineering Students. Those students whom I recommended to start a virtual company in the college be put through adverse situations created which helps them emerge as a successful candidate.


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 Chervel (V. S. Road), Madhal Dist (U.S.)-57

Virtual Company

- Students Recommended for virtual company should register a company only within the college
- A cell can be created (virtual) where the documents will be submitted and company can be registered.
- Team can do some business within the campus and outside but under supervision.
- Let them engage other students as interns.
- The entire journey for them can be curated and monitored
- Am sure if handled well can give us some success stories.

Engineering Projects

- Yogesh & Team: Great Technology, a very potential concept.
- Junaid & Team: Passionate about doing business but needs polishing. If worked on him and his project can have a good tech company
- Woman Safety project: Sorry have forgotten their names, very well researched project, team lacks aggression. Kindly mentor them.
- Sridhar & Team: Wheel Chair excellent concept team needs to attend bootcamp, they will be a great team after bootcamp.
- Black Board Cleaner: Great product but I have a feeling he needs more experience. Suggest if a single board from college is given to him to experiment. College support to this candidate will really work in boosting his confidence.
- Google Glass Team: Great Concept, request if they can be given some more support on Technology, and then connected with MBA team can be a good venture.
- Robotic Arm Shikhar: Great Product and a very impressive student. I guess he is in B.E. and is clear about picking up a job.

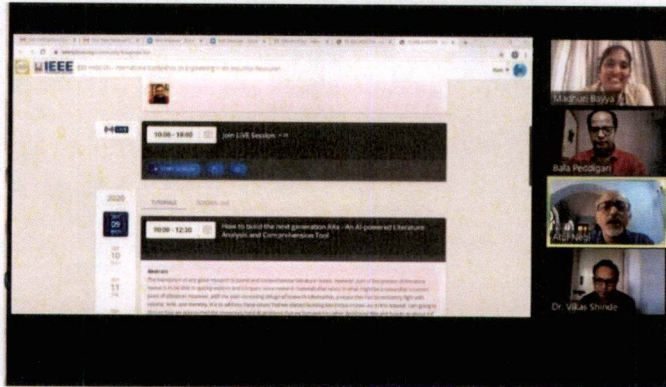
Gratitude

Thank You Team Geethanjali Institute of Engineering & Technology for all your support

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Tutorial in IEEE HYDCON by Dr.Vikas Shinde and Dr.Madhuri Bayya on PBL and Course level PBL

The IEEE Hyderabad section's flagship conference IEEE HYDCON was organized in online mode from 2nd to 4th September 2020. The theme of the conference was 'Industry 4.0'. PBL is the educational approach for students to be industry ready. In this context Dr.Vikas Shinde and Dr.Madhuri Bayya conducted a tutorial session on PBL for the participants. Dr.Vikas introduced PBL and Dr.Madhuri Bayya demonstrated an example of CLPBL implementation. The session was well received by the participants.



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PROBLEM BASED LEARNING – EDUCATION FOR INDUSTRY 4.0

Abstract

The teaching practices in Indian universities/colleges are not completely based on skill development to enable the student to be industry ready. The focus is on learning by remembering rather than learning by doing. This hinders the capability or in other words capacity building of the individuals to face the real life challenges of the society. The present requirement is to focus the higher education teaching methodologies on skill development such as design, problem solving, team worked and communication skill. It is also needed that our education must be tuned with current industrial requirements i.e. revolution “Industry 4.0” and should be able to address the problems of the society. Project Based Learning (PBL) is a step towards ensuring capacity/skill development in students. The students are encouraged to solve societal problems rather that hypothetical problems.

The tutorial focuses on introducing the concepts of PBL to the academicians and industry personnel to bring a convergence in the thought processes. The emphasis will be on introducing a systematic way of implementation of PBL in the higher education courses. The hands-on session will result in the participants being able to create PBL architecture for the problem identified by them along with the skill set required for the same.

Objectives: The objective of the tutorial based on PBL is

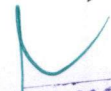
1. Introduction of PBL concepts: Philosophy and Principles
2. Problems characteristics and Design
3. PBL curriculum development
4. Industry 4.0 and PBL: match and mis-match

Motivation

Indian industry is trying hard enough to prepare itself for 4.0 revolution. Accordingly, changes are happening in industrial production, services and standards. However industry is struggling to find suitable human resources who are skillful as well as adaptive to the technology changes happening around. The reason is the educational practices in India and especially curriculum. The curriculum development process in the education sector largely depends on old frame work due to which industry ready human resource cannot be developed. This tutorial is proposed to create understanding about Problem Based Learning (PBL) and creating framework for tuning curriculum for making industry ready human resource.

Intended audience:

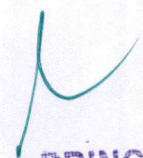
The tutorial is intended for academicians i.e. faculty in higher education and Industry personnel who can give a feedback on current technologies to be focused on.


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Resource Persons

Dr. Vikas Vithal Shinde: He is currently working as Professor in Mechanical engineering Department at Vishwaniketan iMEET, Khalapur, affiliated to Mumbai University. He has completed Ph.D in Project/Problem Based Learning (PBL) from Aalborg University Denmark in the year 2014, under UNESCO chair in PBL. He is the first PhD in PBL in India, awarded by the UNESCO chair in PBL. He is also working as Director, Centre of Excellence in Project /Problem Based learning. In this capacity, his objective is to create an ecosystem for PBL implementation across the country and to create the network of the PBL institutions. The vision behind is to enhance the curricular, and teaching-learning methodologies practiced in engineering education to enable shift toward outcome based education. He has conducted more than 63 workshops on PBL and various forms of teaching-learning practices which also include workshops with international delegates from Denmark, Malaysia and USA. So far he has trained more than 3000 teachers and worked with numerous students across India.

Dr. Madhuri Bayya: She is currently working as Associate Professor in Electrical Engineering Department in Geethanjali College of Engineering and Technology, Hyderabad affiliated to JNTU, Hyderabad. She has completed her Ph.D in Battery Monitoring Systems from BITS-Pilani Hyderabad Campus in the year 2018. She is the PBL coordinator in Geethanjali college of Engineering and Technology. The college is in the process on implementing PBL for their courses and develop a PBL based curriculum. The college is focused on becoming the Centre of Excellence for PBL in south India.


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9/17/21, 11:59 AM

Gmail - Congratulations : Tutorial Proposal Accepted for IEEEHYDCON Conference on "PROBLEM BASED LEARNING – EDUCATION FOR INDUSTRY 4.0"



Madhuri Bayya <mbayya@gmail.com>

Congratulations : Tutorial Proposal Accepted for IEEEHYDCON Conference on "PROBLEM BASED LEARNING – EDUCATION FOR INDUSTRY 4.0"

7 messages

BALA PEDDIGARI <bala.peddigari@ieee.org>

Sun, Aug 23, 2020 at 8:48 PM

To: Madhuri Bayya <mbayya@gmail.com>

idiasagar Tejomurtula <sagarvt@ieee.org>, IEEE HYDCON <hydcon@ieeehyd.org>, Amit <amitkr@ieee.org>, Atul Negi <atul.negi@ieee.org>, N Venkatesh <nkatesh@ieee.org>, Jan Haase <janhaase@ieee.org>, Mousmi Chaurasia <mousmi.ksu@ieee.org>

Dear Dr Madhuri Bayya

Thanks for submitting your proposal on "**Problem Based Learning - Education for Industry 4.0**" toward **IEEE HYDCON Conference**. IEEE HYDCON Tutorial and Workshop team has reviewed the proposal and found that the tutorial theme is aligned with the Conference theme. Hence the committee has approved your Tutorial to be presented during the conference proceedings.

Congratulations! your Tutorial proposal has been accepted to be presented in IEEE HYDCON Conference.

Your Tutorial presentation is scheduled to be delivered on

Tutorial Title : Problem based Learning - Education for Industry 4.0

Date : September 9, 2020

Time: 1:00 PM IST to 3:00 PM IST

I would request you to share your confirmation to present the Tutorial. Upon your confirmation - requesting you to **submit the full Tutorial proceedings and recording of the Tutorial before September 2, 2020. This tutorial will be presented on Virtual Platform and it requires NO Travel.**

Timelines you need to be aware of

1. August 25, 2020 : Confirming your Tutorial Presentation

2. September 2, 2020 : Submitting full tutorial proceedings and recording of the tutorial to hydcon@ieeehyd.org and copy bala.peddigari@ieee.org and sagarvt@ieee.org

3. September 7, 2020 : Awareness of **Virtual Platform** will be given.

Let me know if you have any questions.

Thanks and Regards

Bala

Bala Prasad Peddigari

Secretary - IEEE Hyderabad Section

Tutorial and Workshop Chair - IEEE Hydcon

Mail: Bala.Peddigari@ieee.org

Phone: +91 92950 81188

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