6.5.1 SIGNIFICANT CONTRIBUTION BY IQAC TOWARDS QUALITY ASSURANCE STRATEGIES & PROCESS
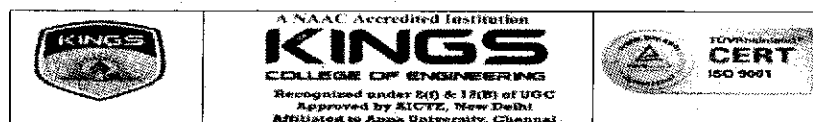

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PRACTICE I – ACADEMIC TARGET & PROGRESSION TRACKING

PROGRAMME ADVISORY COMMITTEE
EXTERNAL MEMBERS-ACADEMIC EXPERTS

BRANCH	EXPERT NAME WITH DESIGNATION
CIVIL	
NIT	Dr.K.BASKAR PROFESSOR/CIVIL, NIT-TRICHY
Other Universities/Colleges	Dr.S.E.SARANAATHAN ASSISTANT PROFESSOR-III,SCHOOL OF CIVIL ENGINEERING, SASTRA UNIVERSITY,THANJAVUR
CSE	
NIT	Dr. NICKOLAS SAVARIMUTHU PROFESSOR/CSE NIT-TRICHY
NIT	Dr. S.MARY SAIRA BHANU PROFESSOR/CSE NIT-TRICHY
ECE	
NIT	Dr.P.MUTHUCHIDAMBARANATHAN ASSOCIATE PROFESSOR/ECE NIT-TRICHY
Other Universities/Colleges	Dr.R.AMIRTHARAJ ASSOCIATE PROFESSOR/SEEE SASTRA UNIVERSITY,THANJAVUR
EEE	
NIT	Dr.S.SENTHILKUMAR ASSOCIATE PROFESSOR/EEE NIT-TRICHY
NIT	Dr.M.VENKATAKRITHIKA ASSOCIATE PROFESSOR/EEE NIT-TRICHY
Other Universities/Colleges	Dr.A,ALBERT ALEXANDER ASSOCIATE PROFESSOR/EEE KONGU ENGINEERING COLLEGE
	Dr.G.GIFTSON SAMUEL PRINCIPAL SIR ISSAC NEWTON COLLEGE OF ENGG& TECHNOLOGY

MECH	
NIT	Dr.V.ANANTHA KRISHNAN ASSOCIATE PROFESSOR/ PRODUCTION ENGG NIT, TRICHY
IIT, MADRAS	Dr.A.MANI PROFESSOR/MECH, IIT, MADRAS
Other Universities/Colleges	Dr.D.PRAKASH ASSOCIATE PROFESSOR/ SCHOOL OF MECHANICAL ENGINEERING SASTRA UNIVERSITY,THANJAVUR
S&H	
NIT	Dr.R.KARVEMBU, PROFESSOR, NIT-TRICHY
Other Universities/Colleges	Dr.S.ASATH BAHADUR, PROFESSOR,KALASALINGAM UNIVERSITY, KRISHNANKOIL
	Dr.VEERABATHRASWAMY, PROFESSOR,PEIST, BANGALORE

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CERT
ISO 9001

PROGRAMME ADVISORY COMMITTEE

EXTERNAL MEMBERS- INDUSTRY EXPERTS

BRANCH	EXPERT NAME WITH DESIGNATION
CIVIL	Mr.S.RAJESH, M.E(STRUCT)., PAST PRESIDENT(2015-16) CEAT, SKY TECH BUILDERS NO.978,THILLAI NAGAR,VILLAR ROAD, THANJAVUR
	Mr.S.VAIDHYANATHAN, FORMER PRESIDENT CEAT, SURIYA BUILDERS ,THANJAVUR
CSE	Mr.G.JAYAKUMAR DY. MANAGER NTTF, BANGALORE
	Mr.B.THIYAGU Sr.ASSOCIATE COGNIZANT TECHNOLOGIES SOLUTIONS COIMBATORE
ECE	Ms.F.AKSHAYAA CONSULTANT,DELOITTE INDIA, BANGALORE
	Mr.G.LAKSHMI KANTHAN PROPRIETOR, VG ENTERPRISES PHARMASURGE, THANJAVUR
EEE	Mr.T.V.THOMAS, MD BEM,COIMBATORE
	Mr.B.PURUSHOTHAMAN, TANBIO R&D SOLU
MECH	Mr.T.THIRUMOORTHY DY.MANAGER WHEELS INDIA LTD., CHENNAI
S&H	Dr.J.MATHIYARASU, SENIOR PRINCIPAL SCIENTIST, CECRI,KARAIKUDI

PROGRAMME ADVISORY COMMITTEE

EXTERNAL MEMBERS-ALUMNI

Branch	Expert Name With Designation
CIVIL	Mr.G.CHANDRU(2013-17) GCR CONSTRUCTION,THANJAVUR
	Mr.M.JOHN FINNEY(2012-16) TRAFFIC ENGINEER, DATA CORP PVT LTD., BANGALORE
CSE	Mr.VIGNESH BALASUBRAMANIAN SENIOR SOFTWARE ENGINEER, ENTERPRISE TOUCH PVT LTD,
ECE	Mr.V.S.KARTHIKEYAN ASSISTANT PROGRAMMER, PRINCIPAL DISTRICT COURT, VILLUPURAM
	Mr.E.VIGNESH SENIOR COMPONENT ENGINEER, INESS GLOBAL SOLUTIONS PVT LTD, BANGALORE
EEE	Mr.M.AVINASH CUSTOMER SUCCESS ENGINEER, THINK 7 BUISNESS SOLUTIONS
	Mr.M.MADHAN KUMAR TECHNICAL ENGINEER, ACCENTURE SOFTWARE
MECH	Mr.M.SATHISH KUMAR SYSTEM ENGINEER, CONTINENTAL AUTOMOTIVE, SINGAPORE

PRINCIPAL

ACADEMIC YEAR 2020-2021 (ODD SEM)
DEPARTMENT OF CIVIL ENGINEERING
DEPARTMENT TARGET – EXECUTION STATUS
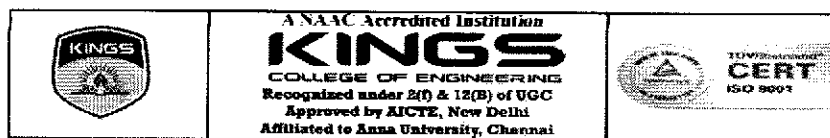
PARAMETER	DETAILS					
	Class wise result target					
Overall department result target: **50 %**	**II YR**		**III YR**		**IV YR**	
	Target	Achieved	Target	Achieved	Target	Achieved
	50 %	**16.7 %**	**50 %**	---	**60 %**	**18.8%**
	Student & Staff Support Initiatives					
Technical events	**Annexure – I**					
Best practice(s) of the Department	Provide details with outcome planned &/ attained so far					
	Research & Development Initiatives					
Student Project – Innovations / In-House works						
Research proposals submission	**STTP Proposal (Submitted to R & D)**					
Sponsored programme initiatives (Workshop / Seminar/ Conference)						
Publication (Staff)	NC : IC : Journal :					
Publication (Student)	NC : IC : Journal :					
Facility enhancement	**SWAYAM / ATAL / NITTTR Courses**					
Research Centre initiatives	**Nil**					
	Initiatives towards MoUs / Establishing Linkages / Peer-Review support					
Industry	**Er.John Kennedy, CEAT** **Er.G.Mani, CEAT**					
Academia	NIT : **Prof. K.Bhaskar, HoD/Civil, NIT, Trichy**					
	Other Universities : **Dr.S. Senthamil Kumar, PMU, Thanjavur**					
	Other Colleges : **Dr.G.Elangovan, Dean, UCE , Pattukkottai**					
Consultancy Services						
Collaboration initiatives	**IJARBEST** – Planned Collaboration for NCON'21 Journal Publication					

ANNEXURE – I - STUDENT & STAFF ACTIVITY SUMMARY (2020-21)

ACTIVITIES	ODD (PLANNED)	ODD (EXECUTED)	REMARKS
INTERNAL PROGRAMME (STUDENTS)			
Orientation Programme	1	3	Online
Bridge Course	1		
Guest Lecture	2		
Refresher courses	---	---	
Value Added Courses	1	1	Online
Workshop	3		
Seminar	1		
Symposium	1	1	
Conference	---	---	
Spoken Tutorial	3		
Alumni Interactions	1		
Professional Society Activities	1		
Competency Development Classes	---	---	
Intra Department Paper presentation	1	1	Online
Mini-Project Expo	---	---	
Project Expo	---	---	
Career Guidance Programme	---	---	
Higher Studies guidance programme	1		
EXTERNAL PROGRAMME (STUDENTS)			
Workshop	5	4	Online
Seminar/Webinar	5	35	Online
Symposium (Paper Presentation)	10		
Symposium (other Technical Events)	10		
National Conference (Paper Publication)	---		
International Conference (Paper publication)	---		
Journal Publication	---		
Project Contest	---		
Awards	---		
IHT, Industrial Visit	39	39	
CERTIFICATIONS (STAFF & STUDENTS)			
HIGHER STUDIES INITIATIVES			
STAFF ENRICHMENT & ACCOMPLISHMENTS			
FDP (AU / Other universities)	3	16	Online
FDP (Internal)	---		
Workshop (External)	3	2	
Workshop (Internal)	---		
Seminar/Webinar (External)	10	24	Online
Seminar/Webinar (Internal)	5		
STTP / SDP	10	15	Online
FVFS	10		
National Conference (Paper Publication)	---		
International Conference (Paper publication)	---		
Journal Publication	---		
Awards	---		
Ph.D Completion / Enrolment	5		
Research Proposals	---		
Other proposals (Programmes)	3		

ACADEMIC YEAR 2020-2021(EVEN SEM)
DEPARTMENT OF CIVIL ENGINEERING
DEPARTMENT TARGET - EXECUTION STATUS

PARAMETER	DETAILS					
	Class wise result target					
Overall department result target: **50 %**	**II YR**		**III YR**		**IV YR**	
	Target	Acheived	Target	Acheived	Target	Acheived
	50 %		**50 %**		**60 %**	
	Student & Staff Support Initiatives					
Technical events	**Annexure – I**					
Best practice(s) of the Department	Provide details with outcome planned &/ attained so far					
	Research & Development Initiatives					
Student Project – Innovations / In-House works	**Innovative Projects - 02** **In house Projects - 08**					
Research proposals submission						
Sponsored programme initiatives (Workshop / Seminar/ Conference)	**FDP/STTP -** **Workshop – 01** **Conference - 01**					
Publication (Staff)	NC : **06** IC : **04** Journal :					
Publication (Student)	NC : **16** IC : **04** Journal :					
Facility enhancement	**Planned to complete ATAL/SWAYAM / NITTTR Courses**					
Research Centre initiatives	**Nil**					
	Initiatives towards MoUs / Establishing Linkages / Peer-Review support					
Industry	**Er.John Kennedy, CEAT** **Er.G.Mani, CEAT**					
Academia	NIT : **Prof. K.Bhaskar, HoD/Civil, NIT, Trichy**					
	Other Universities : **Dr.S. Senthamil Kumar, PMU, Thanjavur**					
	Other Colleges : **Dr.G.Elangovan, Dean, UCE , Pattukkottai**					
Consultancy Services						
Collaboration initiatives	**IJARBEST** – Planned Collaboration for NCON'21 Journal Publication					

ANNEXURE – I - STUDENT & STAFF ACTIVITY SUMMARY (2020-21)

ACTIVITIES	EVEN (Planned)	EVEN (Executed)	Remarks
INTERNAL PROGRAMME (STUDENTS)			
Orientation Programme	3	3	
Bridge Course	1	3	
Guest Lecture	2		
Refresher courses	---		
Value Added Courses	---		
Workshop	1	1	
Seminar/Webinar	2	7	
Symposium	---		
Conference	1	1	
Spoken Tutorial	3	3	
Alumni Interactions	2		
Professional Society Activities	1	1	
Competency Development Classes	---		
Intra Department Paper presentation	1		
Mini-Project Expo	1		
Project Expo	1		
Career Guidance Programme	1		
Higher Studies guidance programme	1		
EXTERNAL PROGRAMME (STUDENTS)			
Workshop	10		
Seminar/Webinar	10		
Symposium (Paper Presentation)	5	8	Online
Symposium (other Technical Events)	5	8	Online
National Conference (Paper Publication)	25	16	Online
International Conference (Paper publication)	13	05	Online
Journal Publication	10		
Project Contest	1		
Awards	1		
IHT, Industrial Visit	---		
CERTIFICATIONS (STAFF & STUDENTS)			
HIGHER STUDIES INITIATIVES			
STAFF ENRICHMENT & ACCOMPLISHMENTS			
FDP (AU / Other universities)	10	12	Online
FDP (Internal)	---		
Workshop (External)	5		
Workshop (Internal)	---		
Seminar/Webinar (External)	10	32	Online
Seminar/Webinar (Internal)	---		
STTP / SDP	10	6	Online
FVFS	---		
National Conference (Paper Publication)	8	2	Online
International Conference (Paper publication)	2	2	Online
Journal Publication	10		
Awards	2		
Ph.D Completion / Enrolment	5		
Research Proposals	---		
Other proposals (Programmes)	3		

18/05/2021 (Aravik, AP/civil)

18/5/21 HOD/CIVIL

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ACADEMIC YEAR 2019-20
DEPARTMENT OF CIVIL ENGINEERING
DEPARTMENT TARGET

PARAMETER	DETAILS					
	Class wise result target					
Overall department result target: **50 %**	**II YR**		**III YR**		**IV YR**	
	Target	Acheived	Target	Acheived	Target	Acheived
	40 %		50 %		60 %	
	Student & Staff Support Initiatives					
Technical events	**Annexure – I**					
Best practice(s) of the Department	Provide details with outcome planned &/ attained so far					
	Research & Development Initiatives					
Student Project – Innovations / In-House works	**Innovative Projects - 02** **Inhouse Projects - 15**					
Research proposals submission	**1 Proposal planned during each semester**					
Sponsored programme initiatives (Workshop / Seminar/ Conference)	**Symposium - 01** **Workshop – 01** **Conference - 03**					
Publication (Staff)	NC : **08** IC : **04** Journal : **12**					
Publication (Student)	NC : **40** IC : **15** Journal : **12**					
Facility enhancement	**Planned to complete SWAYAM / NPTEL Courses**					
Research Centre initiatives	**Nil**					
	Initiatives towards MoUs / Establishing Linkages / Peer-Review support					
Industry	**Er.S.Rajendran, FACEAT** **Er.A.Suthanthirakumar, CEAT**					
Academia	NIT : **Prof. K.Bhaskar, HoD/Civil, NIT, Trichy**					
	Other Universities : **Dr.S. Senthamil Kumar, PMU, Thanjavur**					
	Other Colleges : **Dr.G.Elangovan, Dean, UCE , Pattukkottai**					
Consultancy Services	**Planned to conduct Soil test & Cube test**					
Collaboration initiatives	**IJARBEST** – Collaboration for NCON'20 Journal Publication					

ANNEXURE – I - STUDENT & STAFF ACTIVITY SUMMARY (2019-20)

ACTIVITIES / EXTENSION ACTIVITIES	ODD	EVEN	TOTAL
INTERNAL PROGRAMME (STUDENTS)	*(PLANNED)*		
Orientation Programme	1	---	1
Bridge Course	3	3	6
Guest Lecture	3	3	6
Refresher courses	---	---	---
Value Added Courses	1	1	2
Workshop	3	3	6
Seminar	1	1	2
Symposium	1	---	1
Conference	---	1	1
Spoken Tutorial	3	3	6
Alumni Interactions	1	1	2
Professional Society Activities	2	2	4
Competency Development Classes	---	---	---
ra Department Paper presentation	---	---	---
Mini-Project Expo	---	1	1
Project Expo	---	---	---
Career Guidance Programme	1	1	2
Higher Studies guidance programme	1	1	2
EXTERNAL PROGRAMME (STUDENTS)			
Workshop	3	5	8
Seminar	5	3	8
Symposium (Paper Presentation)	5	5	10
Symposium (other Technical Events)	10	5	15
National Conference (Paper Publication)	---	40	40
International Conference (Paper publication)	---	15	15
Journal Publication	---	12	12
Project Contest	1	1	2
Awards	---	1	1
IHT, Industrial Visit	38	---	38
CERTIFICATIONS (STAFF & STUDENTS)			
HIGHER STUDIES INITIATIVES			
STAFF ENRICHMENT & ACCOMPLISHMENTS			
FDP (AU / Other universities)	2	1	3
FDP (Internal)	---	---	---
Workshop (External)	3	3	6
Workshop (Internal)	---	---	---
Seminar(External)	2	2	4
Seminar(Internal)	---	---	---
STTP / SDP	12	12	24
FVFS	12	---	12
National Conference (Paper Publication)	2	8	10
International Conference (Paper publication)	2	4	6
Journal Publication	---	12	12
Awards	2	2	4
Ph.D Completion / Enrolment	2	1	3
Research Proposals	---	---	---
Other proposals (Programmes)	2	2	4

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ACADEMIC YEAR 2019-20 (ODD SEM)
DEPARTMENT OF CIVIL ENGINEERING
DEPARTMENT TARGET – STATUS AS on 01.10.2019

PARAMETER	DETAILS					
	Class wise result target					
Overall department result target: 50 % Achieved: 18.03 %	**II YR**		**III YR**		**IV YR**	
	Target	Acheived	Target	Acheived	Target	Acheived
	40 %	3.57%	50 %	23.68%	60 %	21.43 %
	Student & Staff Support Initiatives					
Technical events	**Annexure – I**					
Best practice(s) of the Department	Provide details with outcome planned &/ attained so far					
	Research & Development Initiatives					
Student Project – Innovations / In-House works	**Innovative Projects – 02 (Planned in Even Semester)** **Inhouse Projects – 15 (Planned in Even Semester)**					
Research proposals submission						
Sponsored programme initiatives (Workshop / Seminar/ Conference)						
Publication (Staff)	NC : IC : Journal :					
Publication (Student)	NC : IC : Journal :					
Facility enhancement	**SWAYAM / NPTEL Courses**					
Research Centre initiatives	**Nil**					
	Initiatives towards MoUs / Establishing Linkages / Peer-Review support					
Industry	**Er.S.Rajendran, FACEAT** **Er.A.Suthanthirakumar, CEAT**					
Academia	NIT : **Prof. K.Bhaskar, HoD/Civil, NIT, Trichy**					
	Other Universities : **Dr.S. Senthamil Kumar, PMU, Thanjavur**					
	Other Colleges : **Dr.G.Elangovan, Dean, UCE , Pattukkottai**					
Consultancy Services	**Planned to conduct Soil test & Cube test**					
Collaboration initiatives	**IJARBEST** – Collaboration for NCON'20 Journal Publication					

Kings College of Engineering, Punalkulam

ACTIVITIES	ODD (PLANNED)	ODD (EXECUTED)	REMARKS
INTERNAL PROGRAMME (STUDENTS)			
Orientation Programme	1	1	
Bridge Course	3	-	
Guest Lecture	3	3	
Refresher courses	---	-	
Value Added Courses	1	1	
Workshop	3	-	
Seminar	1	-	
Symposium	1	1	
Conference	---	-	
Spoken Tutorial	3	3	
Alumni Interactions	1	2	
Professional Society Activities	2	1	
Competency Development Classes	---	-	
Intra Department Paper presentation	---	-	
Mini-Project Expo	---	-	
Project Expo	---	-	
Career Guidance Programme	1	-	
Higher Studies guidance programme	1	-	
EXTERNAL PROGRAMME (STUDENTS)			
Workshop	3	4	
Seminar	5	-	
Symposium (Paper Presentation)	5	4	
Symposium (other Technical Events)	10	5	
National Conference (Paper Publication)	---	-	
International Conference (Paper publication)	---	-	
Journal Publication	---	-	
Project Contest	1	-	
Awards	---	-	
IHT, Industrial Visit, Internship	38	1	
CERTIFICATIONS (STAFF & STUDENTS)			
HIGHER STUDIES INITIATIVES			
STAFF ENRICHMENT & ACCOMPLISHMENTS			
FDP (AU / Other universities)	2	1	
FDP (Internal)	---	-	
Workshop (External)	3	6	
Workshop (Internal)	---	-	
Seminar(External)	2	-	
Seminar(Internal)	---	-	
STTP / SDP	12	13	
FVFS	12	-	
National Conference (Paper Publication)	2	-	
International Conference (Paper publication)	2	-	
Journal Publication	---	-	
Awards	2	-	
Ph.D Completion / Enrolment	2	-	
Research Proposals	---	-	
Other proposals (Programmes)	2	-	

01/10/2019
(K.Arun, AP/mech)

ACADEMIC YEAR 2019-20 (EVEN SEM)
DEPARTMENT OF CIVIL ENGINEERING
DEPARTMENT TARGET – STATUS

PARAMETER	DETAILS					
Class wise result target						
Overall department result target: **50 %**	**II YR**		**III YR**		**IV YR**	
	Target	Acheived	Target	Acheived	Target	Acheived
	40 %	100%	50 %	100%	60 %	
Student & Staff Support Initiatives						
Technical events	**Annexure – I**					
Best practice(s) of the Department	Provide details with outcome planned &/ attained so far					
Research & Development Initiatives						
Student Project – Innovations / In-House works	**Innovative Projects - 02** **Inhouse Projects - 15**					
Research proposals submission						
Sponsored programme initiatives (Workshop / Seminar/ Conference)	**ISTE sponsonred Rs.5000/- for conducting National Conference. (Due to lockdown Conference postponed)**					
Publication (Staff)	NC :		IC :		Journal :	
Publication (Student)	NC : 1		IC :		Journal :	
Facility enhancement	**SWAYAM / NPTEL Courses**					
Research Centre initiatives	**Nil**					
Initiatives towards MoUs / Establishing Linkages / Peer-Review support						
Industry	**Er.S.Rajendran, FACEAT** **Er.A.Suthanthirakumar, CEAT**					
Academia	NIT : **Prof. K.Bhaskar, HoD/Civil, NIT, Trichy**					
	Other Universities : **Dr.S. Senthamil Kumar, PMU, Thanjavur**					
	Other Colleges : **Dr.G.Elangovan, Dean, UCE , Pattukkottai**					
Consultancy Services	**Planned to conduct Soil test & Cube test**					
Collaboration initiatives	**IJARBEST** – Collaboration for NCON'20 Journal Publication					

Kings College of Engineering, Punalkulam

ACTIVITIES	EVEN (PLANNED)	EVEN (EXECUTED)	REMARKS
INTERNAL PROGRAMME (STUDENTS)			
Orientation Programme	---	3	
Bridge Course	3	---	
Guest Lecture	3	2	
Refresher courses	---	---	
Value Added Courses	1	1	
Workshop	3	2	
Seminar	1	---	
Symposium	---	---	
Conference	1	---	
Spoken Tutorial	3	3	
Alumni Interactions	1	1	
Professional Society Activities	2	1	
Competency Development Classes	---	---	
Inter Department Paper presentation	---	1	
Mini-Project Expo	1	0	
Project Expo	---	1	
Career Guidance Programme	1	1	
Higher Studies guidance programme	1	---	
EXTERNAL PROGRAMME (STUDENTS)			
Workshop	5	8	
Seminar	3	4	
Symposium (Paper Presentation)	5	2	
Symposium (other Technical Events)	5	6	
National Conference (Paper Publication)	40	1	
International Conference (Paper publication)	15	---	
Journal Publication	12	---	
Project Contest	1	5	
Awards,Prizes	1	10	
IHT, Industrial Visit	---	1	
CERTIFICATIONS (STAFF & STUDENTS)			
HIGHER STUDIES INITIATIVES			
STAFF ENRICHMENT & ACCOMPLISHMENTS			
FDP (AU / Other universities)	1	---	
FDP (Internal)	---	---	
Workshop (External) **Resource Person**	3	1	
Workshop (Internal)	---	3	
Seminar(External)	2	---	
Seminar(Internal)	---	---	
STTP / SDP	12	---	
FVFS	---	---	
National Conference (Paper Publication)	8	---	
International Conference (Paper publication)	4	---	
Journal Publication	12	---	
Awards	2	---	
Ph.D Completion / Enrolment	1	---	
Research Proposals	---	---	
Other proposals (Programmes)	2	1	

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ACADEMIC YEAR 2018-19 (EVEN SEMESTER)

Department Of Civil Engineering

DEPARTMENT TARGET

PARAMETER	DETAILS					
	Classwise result target					
Overall department result target: **60 %**	**II YR**		**III YR**		**IV YR**	
	A	B	A	B	A	B
	50%	—	55%	—	70%	70%
	Student & Staff Support Initiatives					
Technical events	**Annexure – I**					
Best practice(s) of the Department	Provide details with outcome planned &/ attained so far					
	Research & Development Initiatives					
Student Project – Innovations / In-House works	INNOVATIVE PROJECTS – INHOUSE WORKS – 100% Students Projects are inhouse only					
Research proposals submission	1 Proposal is planned in this Semester					
Sponsored programme initiatives (Workshop / Seminar/ Conference)	CONFERENCE – 3 Submitted WORKSHOP – 1 planned					
Publication (Staff)	NC : 07 IC : 04 Journal : 11					
Publication (Student)	NC : 70 IC : 30 Journal : 20					
Facility enhancement	NIL					
Research Centre initiatives	NIL					
	Initiatives towards MoUs / Establishing Linkages / Peer-Review support					
Industry	Er. VAIDHYANATHAN , (President, Builders Association, TN) Er. THIRUVENGADAM , (Secretary, Architects Association, TN)					
Academia	NIT : Prof. T. Manjula (NIT, Trichy) Other Universities : Dr S. Senthamil Kumar (PMU, Thanjavur) Other Colleges : Dr. G. Elangovan (UCE, Thirukkuvalai)					
Consultancy Services	NIL					
Collaboration initiatives	IJARBEST – collaboration for conference papers Publication in Journal					

ANNEXURE – I - STUDENT & STAFF ACTIVITY SUMMARY (2018-19)

ACTIVITIES — EXTENSION ACTIVITIES	ODD (Completed)	E (Plan)
INTERNAL PROGRAMME (STUDENTS)		
Orientation Programme	1	—
Bridge Course	—	3
Guest Lecture	2	2
Refresher courses	—	—
Value Added Courses	—	1
Workshop	—	2
Seminar	1	1
Symposium	1	—
Conference	—	1
Spoken Tutorial	2	3
Alumni Interactions	1	1
Professional Society Activities	1	3
Competency Development Classes	3	3
Intra Department Paper presentation	—	1
Mini-Project Expo	—	1
Project Expo	—	1
Career Guidance Programme	—	1
Higher Studies guidance programme	—	1
EXTERNAL PROGRAMME (STUDENTS)		
Workshop	—	25
Seminar	—	—
Symposium (Paper Presentation)	1	02
Symposium (other Technical Events)	1	02
National Conference (Paper Publication)	—	70
International Conference (Paper publication)	—	30
Journal Publication	—	20
Project Contest	—	02
Awards	—	02
IHT, Industrial Visit	—	15 + 1
CERTIFICATIONS (STAFF & STUDENTS)		
	3+24	11+5
HIGHER STUDIES INITIATIVES		
STAFF ENRICHMENT & ACCOMPLISHMENTS		
FDP (AU / Other universities)	3	02
FDP (Internal)	—	04
Workshop (External)	2	02
Workshop (Internal)	—	11
Seminar(External)	—	02
Seminar(Internal)	1	02
STTP / SDP	0	02
FVFS	11	(07+04)
National Conference (Paper Publication)	—	07
International Conference (Paper publication)	—	04
Journal Publication	—	11
Awards	—	01
Ph.D Completion / Enrolment	—	03
Research Proposals	—	01
Other proposals (Programmes)	—	03

(Dr Arun, AP/Civil) 29/1/21

HOD/Civil 29/11/19

ACADEMIC YEAR 2018-19 (EVEN SEMESTER)
DEPARTMENT OF CIVIL ENGINEERING
DEPARTMENT TARGET

PARAMETER	DETAILS							
	Class wise result target							
Overall department result target:	**II YR**		**III YR**		**IV YR "A"**		**IV YR "B"**	
	Target	Acheived	Target	Acheived	Target	Acheived	Target	Acheived
	50 %	7.31 %	55 %	36.36 %	70 %	54.54 %	70 %	57.41 %
	Student & Staff Support Initiatives							
Technical events	Annexure – I							
Best practice(s) of the Department	Provide details with outcome planned &/ attained so far							
	Research & Development Initiatives							
Student Project – Innovations / In-House works	**Innovative Projects – 02** **In-house Projects - 29**							
Research proposals submission	**Nil**							
Sponsored programme initiatives (Workshop / Seminar/ Conference)	**03 proposals submitted for Conference**							
Publication (Staff)	NC : 18		IC : 11		Journal : 15			
Publication (Student)	NC : 65		IC : 44		Journal : 15			
Facility enhancement	**PMKVY Courses – (Asst. Surveyor & Asst. Barbender)**							
Research Centre initiatives	**Nil**							
	Initiatives towards MoUs / Establishing Linkages / Peer-Review support							
Industry	**Er.Vaidyanathan (President, Builders Association, Thanjavur)** **Er.Thiruvengadam (Secretary, Architects Association, Thanjavur)**							
Academia	NIT : **Prof. T.Manjula, NIT, Trichy**							
	Other Universities : **Dr.S. Senthamil Kumar, PMU, Thanjavur**							
	Other Colleges : **Dr.G.Elangovan, UCE , Thirukkuvalai**							
Consultancy Services	**Nil**							
Collaboration initiatives	**IJARBEST – Collaboration for NCON'19 Journal Publication**							

ANNEXURE – I - STUDENT & STAFF ACTIVITY SUMMARY (2018-19)

ACTIVITIES	ODD	EVEN PLANNED	EVEN EXECUTED	TOTAL
INTERNAL PROGRAMME (STUDENTS)				
Orientation Programme	1	---	---	1
Bridge Course	---	3	3	3
Guest Lecture	2	2	2	4
Refresher courses	---	---	---	---
Value Added Courses	---	1	1	1
Workshop	---	2	1	1
Seminar	1	1	---	1
Symposium	1	---	---	1
Conference	---	1	1	1
Spoken Tutorial	2	3	3	5
Alumni Interactions	1	1	2	3
Professional Society Activities	1	1	2	3
Competency Development Classes	3	3	---	3
Intra Department Paper presentation	---	1	---	---
Mini-Project Expo	---	1	1	1
Project Expo	---	1	---	---
Career Guidance Programme	---	1	---	---
Higher Studies guidance programme	---	---	---	---
EXTERNAL PROGRAMME (STUDENTS)				
Workshop	---	5	1	1
Seminar	---	---	19	19
Symposium (Paper Presentation)	1	2	3	4
Symposium (other Technical Events)	1	2	6	7
National Conference (Paper Publication)	---	70	65	65
International Conference (Paper publication)	---	30	44	44
Journal Publication	---	20	15	15
Project Contest	---	2	4	4
Awards /Purposes	---	2	11	11
IHT, Industrial Visit	---	16	40	40
CERTIFICATIONS (STAFF & STUDENTS)				
HIGHER STUDIES INITIATIVES				
STAFF ENRICHMENT & ACCOMPLISHMENTS				
FDP (AU / Other universities)	3	2	---	3
FDP (Internal)	---	4	---	---
Workshop (External)	2	2	1	3
Workshop (Internal)	---	11	---	---
Seminar(External)	---	2	4	4
Seminar(Internal)	---	2	---	---
STTP / SDP	---	2	19	19
FVPS	11	---	---	11
National Conference (Paper Publication)	---	7	18	18
International Conference (Paper publication)	---	4	11	11
Journal Publication	---	11	15	15
Awards	---	1	1	1
Ph.D Completion / Enrolment	---	3	---	---
Research Proposals	---	1	---	---
Other proposals (Programmes)	---	3	3	3

FORM-L

C S E

ACADEMIC YEAR 2020 - 2021 (ODD & EVEN)
DEPARTMENT TARGET (PLAN & EXECUTION)

PARAMETER	DETAILS											
	Classwise result Target VS Achieved											
Overall department result target:	II YR				III YR				IV YR			
	ODD		EVEN		ODD		EVEN		ODD		EVEN	
	T	A	T	A	T	A	T	A	T	A	T	A
			60%	100)			75%	100)			85%	98.51.
Student & Staff Support Initiatives												
Technical events	Annexure –I											
Best practice(s) of the Department	1. Interactive Teaching-Learning Practices – **Practiced (files maintained)** 2. Student skill & Attitude building initiatives											
Student achievement	1. University ranks **(expecting)** 2. Technical achievements**(summary enclosed)** 3. Sports & Cultural achievements -											
Department Newsletter	will be planned **(monthly newsletters prepared)**											
Professional bodies	1. CSI 2. IEI – **Activities organized as per action plan** 3. ISTE - **Activities organized as per action plan**											
Career Centre	Career planning and development – **launched and IV year toppers are trained**											
Crash course	IoT & web services – **completed**											
Club activities	Club activities (as per action plan) – **executed as per action plan** **Code club – 6 events, Multimedia club – 7 events completed**											
Research & Development Initiatives												
Student Project – Innovations / In-House works	1. Endowment fund project work**(In progress)** 2. IIC- Smart India Hackathon**(5 teams participated in Toy Hackathon)** out of which 1 was shortlisted in level 1. 3. In-house project – **1 Project (Social networking application for KCE)** 4. Project work (major, minor)- **Completed – Project file** 5. Club activities – **Completed** 6. **AICTE Vishwakarma Award- shortlisted to regional level contest**											
Research proposals	1. AICTE proposal – 2. DST proposal -**1 proposal** 3. UGC proposal 4. TNSCST proposal (SPS) – **13 proposals** 5. IEEE – **2**											
Sponsored programme initiatives (Workshop / Seminar/ Conference)	1. AICTE proposal 2. CSIR proposal 3.INSA – **workshop proposal-1** 4.TNSCST –**workshop proposal -1** 5.Anna University FDP proposal -1											
Publication (Staff)	NC : 10 **(1)** IC : 10(10) Journal : 10 **(29)** Books : To be published on NCBH & print on demand											
Publication (Student)	NC : 25 **(7)** IC :15 **(37)** Journal : 02 **(11)**											
Facility enhancement	Requirement submitted											
Research Centre initiatives	Will be planned											
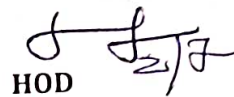
Initiatives towards MoUs / Establishing Linkages / Peer-Review support	
Industry linkages	Linkage planned
Academia linkages	NIT : PAC member review activity **(completed)** Other Universities :- Other Colleges :-
Consultancy Services	Initiated
Collaboration initiatives	Will be planned
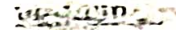
Annexure –I

ACTIVITIES	ODD		EVEN	
INTERNAL PROGRAMME (STUDENTS)	T	A	T	A
Activity / Event	1			
Orientation Programme			3	3
Bridge Course			3	3
Guest Lecture			3	2
Refresher courses			1	
Value Added Courses	1	1	-	-
Crash course	2	3	2	1
Workshop	2	4	2	1
IITB-Spoken Tutorial workshop	3	3	3	3
Seminar			1	1
Symposium	1	1	-	
Conference			1	1
Alumni Interactions	2	2	2	5
Professional Society Activities	4	2	4	4
My Credit Course (MCC)			1	1
Intra Department Paper presentation			3	
Mini-Project Expo			1	
Project Expo			1	1
Student seminar			6	5
Higher Studies guidance programme/Career guidance programme			2	1
EXTERNAL PROGRAMME (STUDENTS)				
Workshop	150		30	328
Seminar	150		10	925
Symposium (Paper Presentation)	50		5	85
Symposium (other Technical Events)			15	
National Conference (Paper Publication)	25		24	92
International Conference (Paper publication)			20	37
Journal Publication	10		2	37
Project Contest			2	1
Awards -AICTE-Vishwakarma Award – 1 batch (5 students) –upto regional level			1	1
IHT, Industrial Visit, FV, Internship	30	45	20	
Smart India Hackathon (6 teams)-31students				6
Toy hackathon (5 teams) – 10 students – 1 team shortlisted level 1				5
Online courses (other than SWAYAM)			100	175
CERTIFICATIONS (STAFF & STUDENTS)				
Staff (Swayam / NPTEL/ MOOC any other)		4		
Students(Swayam / NPTEL/ MOOC any other)			60	
Great Learning Academy/ Alison certifications(students)				44
NCC – B certification			5	5
STAFF ENRICHMENT & ACCOMPLISHMENTS				
FDP (AU / Other universities)		51	20	
FDP (Internal)		10	10	
Workshop (External / Internal)		33	20	
Seminar(External / Internal)		437	10	
Online course		12		

STTP / SDP		5	20	
IEEE programmes		27		
MHRD programmes		15		
FVFS			10	
AICTE course		5		
NIT programme		2		
BOOT camp		1		
National Conference (Paper Publication)			3	1
International Conference (Paper publication)			5	10
Journal Publication			10	29
Awards				
Ph.D Completion / Enrolment – 4 staff members initiated (NITT, Anna University)				
Research Proposals – IEEE – 2, DST-1			3	3
Other proposals (Programmes) TNSCST-1, INSA-1, Anna University -1			3	3

PAC MEMBER

HOD

ACADEMIC YEAR 2019-20 (ODD SEMESTER)

DEPARTMENT TARGET

PARAMETER	DETAILS					
Classwise result target						
Overall Department Target & Achieved	II YR		III YR		IV YR	
	Target	Achieved	Target	Achieved	Target	Achieved
	60	60%	70	46.6%	80	53.8%
Student & Staff Support Initiatives						
Technical Events	Annexure – I					
Best practice(s) of the Department	Interactive Teaching Learning & Student Skill Enrichment practices					
Research & Development Initiatives						
Student Project – Innovations / In-House works	In-House Project - 5					
Research proposals submission	2 proposals during every semester					
Sponsored programme initiatives (Workshop / Seminar/ Conference)	International Conference & Technical Event proposals					
Publication (Staff)	Journal : 13		NC : 13		IC : 5	
Publication (Student)	Journal : 10		NC : 10		IC : 5	
Facility enhancement						
Research Centre initiatives	SCOPUS - 5					
Initiatives towards MoUs / Establishing Linkages / Peer-Review support						
Industry	Members from TS, NTTF, Enterprise touch – PAC member of the department					
Academia	NITT : 2					
Consultancy Services	-					
Collaboration initiatives	Editorial and reviewer - 2					
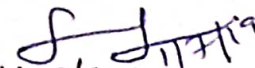
* Interactions with PAC member will be strengthened. Review on the department activities by PAC member will be made.
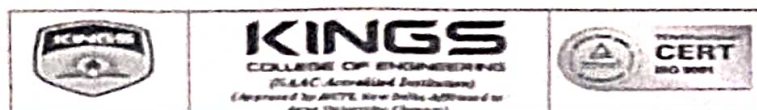
ACTIVITIES	ODD	EVEN	TOTAL
INTERNAL PROGRAMMES(STUDENTS)			
Orientation Programme	2	-	2
Bridge Course	2	2	4
Guest Lecture	2	2	4
Refresher Course	1	1	2
Value Added Course	1	-	1
Workshop	2	2	4
Seminar	1	1	2
Symposium	1	-	1
Conference	-	1	1
Spoken Tutorial	3	3	6
Alumni Interactions	2	2	4
Professional Society Activities	3	3	6
Competency Development classes (CDC)	1	1	2
My Credit Course(MCC)	-	2	2
Intra Department Paper presentation	1	1	2
Mini-Project Expo	-	-	-
Project Expo	-	1	1
Career Guidance Programme	1	1	2
Higher Studies guidance programme	1	1	2
EXTERNAL PROGRAMMES(STUDENTS)			
Workshop	20	20	40
Seminar	10	10	20
Symposium (Paper Presentation)	15	15	30
Symposium (other Technical Events)	15	-	15
National Conference (Paper Publication)	10	10	20
International Conference (Paper publication)	-	39	39
Journal Publication	5	15	20
Project Contest	-	5	5
Awards	1	1	2
IHT	39	-	39
Certification			
NPTEL, SWAYAM	13	13	26
STAFF ENRICHMENT & ACCOMPLISHMENTS			
FDP (AU / Other universities)	2	2	4
FDP (Internal)	5	5	10
Workshop (External)	3	3	6
Workshop (Internal)	3	3	6
Seminar(External)	5	5	10
Seminar(Internal)	5	5	10
STTP / SDP	13	13	26
FVFS	13		13

Activities	ODD	EVEN	TOTAL
National Conference (Paper Publication)	5	5	10
International Conference (Paper publication)	5	5	10
Journal Publication	5	5	10
Awards			
Ph.D Completion			
Ph.D Enrolment			
Research Proposals	2	2	4
Programme fund seeking proposals	2	2	4

HOD/CSE 11/7/19

ACADEMIC YEAR 2019-20 (EVEN SEMESTER)

DEPARTMENT OF CSE

DEPARTMENT TARGET

PARAMETER	DETAILS					
Classwise result target						
Overall Department Target & Achieved	II YR.		III YR.		IV YR.	
	Target	Achieved	Target	Achieved	Target	Achieved
	60%	100/	75%	100/.	85%	100/.
Student & Staff Support Initiatives						
Technical Events	Annexure – I					
Best practice(s) of the Department	1. Interactive Teaching-Learning Practices 2. Student Skill & Attitude Building initiatives					
Book Publication	To be published on NCBH & Print on Demand					
Student Achievement	1.University Ranks 2.Technical Achievements 3.Sports Achievements 4.Clutural Achievements					
Department Newsletter	Will be planned					
Professional Bodies	1.CSI 2.IEI — 5 activities 3.ISTE — 2 activities					
Career center	Career planning and development					
Crash Course	IOT &Web service					
Club Activities	1.Multimedia club (2 Activities) 2.Coding club (1 Activity)					
Research & Development Initiatives						
StudentProject Innovations / In-House works	1. Endowment fund project work 2. IIC – Smart India Hackathon 3. Inhouse project 4. Project Expo (Major, Mini) 5. Club activities					
Research Proposal Submission	AICTE proposals — 3 DST proposal UGC proposal ISTE Proposal-4					
Sponsored Programme initiatives (Workshop / Seminar / Conference)	1. AICTE proposal 2. CSIR proposal					
Publication (Staff)	NC : 10 IC : 10 Journal : 10					
Publication (Student)	NC : 25 IC : 15 Journal : 02					
Facility enhancement	Requirement submitted					
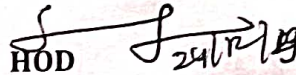
ResearchCentre initiatives	Will be Planned
Initiatives towards MoUs / Establishing Linkages / Peer-review support*	
Industry	Linkage planned
Consultancy services	initiated
Collaboration initiatives	Will be planned

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
Annexure –I
STUDENT & STAFF ACTIVITY EXECUTION SUMMARY (2019-20- ODD SEMESTER)

ACTIVITIES	ODD	
INTERNAL PROGRAMME (STUDENTS)		
Activity / Event	T	A
Orientation Programme	2	2
Bridge Course	2	2
Guest Lecture	2	2
Refresher courses	1	1
Value Added Courses	1	1
Workshop	2	2
IITB-Spoken Tutorial workshop	3	3
Seminar	1	3
Symposium	1	1
Conference	-	-
Alumni Interactions	2	4
Professional Society Activities	3	4
My Credit Course (MCC)	-	-
Intra Department Paper presentation	1	3
Mini-Project Expo	-	-
Project Expo	-	-
Higher Studies guidance programme/Career guidance programme	1	1
EXTERNAL PROGRAMMES (STUDENTS)		
Workshop	20	33
Seminar	10	5
Symposium (Paper Presentation)	15	6
Symposium (other Technical Events)	15	23
National Conference (Paper Publication)	10	-
International Conference (Paper publication)	-	-
Journal Publication	5	-
Project Contest	-	-
Awards -AICTE-Vishwakarma Award – 1 batch (5 students) –upto regional level	1	1
IHT, Industrial Visit, FV, Internship	39	39
Certification		
NPTEL, SWAYAM	13	
STAFF ENRICHMENT & ACCOMPLISHMENTS		
FDP (AU / Other universities)	2	10
FDP (Internal)	5	5
Workshop (External / Internal)	6	19
Seminar(External / Internal)	10	10

STTP / SDP	13	3
FVFS	-	-
National Conference (Paper Publication)	5	-
International Conference (Paper publication)	5	-
Journal Publication	5	-
Awards	1	-
Ph.D Completion / Enrolment – **3 staff members initiated (NITT, Anna University)**		
Research Proposals **– AICTE-2**		
Other proposals (Programmes)-**TNSCST-2, INSA-2**		

PAC MEMBER
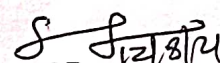
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
Annexure –I
STUDENT & STAFF ACTIVITY EXECUTION SUMMARY (2019-20- EVEN SEMESTER)

ACTIVITIES	EVEN	
INTERNAL PROGRAMME (STUDENTS)		
Activity / Event	T	A
Orientation Programme	2	3
Bridge Course	2	2
Guest Lecture	2	1
Refresher courses	1	1
Value Added Courses	-	-
Workshop	2	4
IITB-Spoken Tutorial workshop	3	3
Seminar	1	1
Symposium	-	-
Conference	1	1
Alumni Interactions	3	3
Professional Society Activities	3	4
My Credit Course (MCC)	2	2
Intra Department Paper presentation	1	3
Mini-Project Expo	-	1
Project Expo	1	1
Higher Studies guidance programme/Career guidance programme	1	1
EXTERNAL PROGRAMMES (STUDENTS)		
Workshop	20	04
Seminar	10	01
Symposium (Paper Presentation)	15	5
Symposium (other Technical Events)	-	17
National Conference (Paper Publication)	10	25
International Conference (Paper publication)	39	24
Journal Publication	15	1
Project Contest	5	1
Awards -AICTE-Vishwakarma Award – 1 batch (5 students) –upto regional level	1	1
IHT, Industrial Visit, FV, Internship	-	
Certification		
NPTEL, SWAYAM	13	-
STAFF ENRICHMENT & ACCOMPLISHMENTS		
FDP (AU / Other universities)	2	20
FDP (Internal)	5	5
Workshop (External / Internal)	6	16
Seminar(External / Internal)	10	17

		13	13
STTP / SDP		13	13
FVFS		5	13
National Conference (Paper Publication)		5	6
International Conference (Paper publication)		5	2
Journal Publication		2	-
Awards			
Ph.D Completion / Enrolment – **2 staff members initiated (NITT, Anna University)**			
Research Proposals – **AICTE – 3**			
Other proposals (Programmes)-**ISTE-4**			

K.Alee

PAC MEMBER

HOD

KINGS
COLLEGE OF ENGINEERING
(NAAC Accredited Institution)
(Approved by AICTE New Delhi Affiliated to
Anna University, Chennai)
CERT
ISO 9001

ACADEMIC YEAR 2018-19 (EVEN SEMESTER)

DEPARTMENT TARGET

CSE.

PARAMETER	DETAILS					
	Classwise result target					
Overall department result target:	II YR		III YR		IV YR	
	A	B	A	B	A	B
	50	19.1	55	30.7	80	81.4
	Student & Staff Support Initiatives					
Technical events	**Annexure – I**					
Best practice(s) of the Department	Provide details with outcome planned &/ attained so far Interactive teaching-learning & Eco club					
	Research & Development Initiatives					
Student Project – Innovations / In-House works	Innovative - 2 (UG), 1 (PG) In-House Project - 2					
Research proposals submission	2 proposals during even semester					
Sponsored programme initiatives (Workshop / Seminar/ Conference)	National Conference proposal - 4 submitted workshop / seminar - 3 to be submitted					
Publication (Staff)	NC : 7 IC : 6 Journal : 15					
Publication (Student)	NC : 20 IC : 10 Journal : 12					
Facility enhancement	Network equipment - PMKVY					
Research Centre initiatives						
	Initiatives towards MoUs / Establishing Linkages / Peer-Review support					
Industry	Member from CTS, NTTF} 1 or PAC of the Dept. Enterprise Touch					
Academia	NIT : 2					
	Other Universities :					
	Other Colleges :					
Consultancy Services	—					
Collaboration initiatives	Editorial & Review - 2					

ANNEXURE – I – STUDENT & STAFF ACTIVITY SUMMARY (2018-19)

ACTIVITIES / EXTENSION ACTIVITIES	ODD	EVEN
INTERNAL PROGRAMME (STUDENTS)		
Orientation Programme	02	04
Bridge Course	01	02
Guest Lecture	02	02
Refresher courses		01
Value Added Courses	02	01
Workshop	03	02 +
Seminar	02	—
Symposium	01	—
Conference		01
Spoken Tutorial	03	03
Alumni Interactions	01	02
Professional Society Activities	03	06
Competency Development Classes	03	02
Intra Department Paper presentation	02	—
Mini-Project Expo	—	—
Project Expo		01
Career Guidance Programme	01	01
Higher Studies guidance programme	01	01
EXTERNAL PROGRAMME (STUDENTS)		
Workshop	01	01
Seminar		30
Symposium (Paper Presentation)	06	10
Symposium (other Technical Events)	06	30
National Conference (Paper Publication)	07	40
International Conference (Paper publication)		(15) UG (5) PG
Journal Publication	05 (PG)	49 UG (5) PG
Project Contest		—
Awards		—
IHT, Industrial Visit	IHT-55	IHT-40
CERTIFICATIONS (STAFF & STUDENTS)		
	NPTEL-1	Swayam-13
HIGHER STUDIES INITIATIVES		
	01	01
STAFF ENRICHMENT & ACCOMPLISHMENTS		
FDP (AU / Other universities)	3 (AU)	
FDP (Internal)	13 (IITB)	04
Workshop (External)	—	04
Workshop (Internal)	1	02
Seminar(External)	03	02
Seminar(Internal)	—	—
STTP / SDP	—	02
FVFS	13	13
National Conference (Paper Publication)	—	13
International Conference (Paper publication)	—	06
Journal Publication	05	15
Awards	—	
Ph.D Completion / Enrolment	01	—
Research Proposals	—	01
Other proposals (Programmes)	01	09

9/12/19

KINGS
COLLEGE OF ENGINEERING
(NAAC Accredited Institution)
[Approved by AICTE, New Delhi Affiliated to
Anna University, Chennai]

CERT
ISO 9001

ACADEMIC YEAR 2018-19 (EVEN SEMESTER)

DEPARTMENT TARGET (Achieved)

PARAMETER	DETAILS					
Classwise result target						
Overall Department Target & Achieved	II YR.		III YR.		IV YR.	
	Target	Achieved	Target	Achieved	Target	Achieved
	50	**15**	55	**26**	80	**81.5**
Student & Staff Support Initiatives						
Technical Events	Annexure – I					
Best practice(s) of the Department	Interactive Teaching Learning & Eco-Club **(Practiced)**					
Research & Development Initiatives						
Student Project Innovations / In-House works	**Innovative project works – 2 UG and 1 PG** **In-House project -2**					
Research Proposal Submission	2 proposals during even semester					
Sponsored Programme initiatives (Workshop / Seminar / Conference)	**National Conference proposal – 4 submitted** Seminar/Workshop – 3 to be submitted					
Publication (Staff)	**NC : 7 IC : 6 Journal : 15**					
Publication (Student)	**NC : 20 IC : 10 Journal : 12**					
Facility enhancement	**Network equipment : PMKVY COURSE**					
Research Centre initiatives	-					
Initiatives towards MoUs / Establishing Linkages / Peer-review support*						
Industry	Members from TS, NTTF, Enterprise touch – PAC member of the department					
Academia	NITT : 2					
Consultancy services	-					
Collaboration initiatives	Editorial and reviewer – 2					
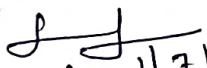
* To Be Strengthened. Will be done during 2019-20.

ACTIVITIES	ODD Executed	EVEN Plan	EVEN Executed	TOTAL
INTERNAL PROGRAMMES(STUDENTS)				
Orientation Programme	2	-	-	2
Bridge Course	1	2	2	3
Guest Lecture	2	2	1	3
Refresher Course	-	1	-	-
Value Added Course	2	1	1	3
Workshop	3	2	3	6
Seminar	-	-	-	-
Symposium	1	-	-	1
Conference	-	1	1	1
Spoken Tutorial	2	3	3	5
Alumni Interactions	1	2	4	5
Professional Society Activities	3	6	6	9
Competency Development classes (CDC)	3	2	2	5
My Credit Course(MCC)	-	2	2	2
Intra Department Paper presentation	-	2	2	2
Mini-Project Expo	-	-	-	-
Project Expo	-	1	1	1
Career Guidance Programme	1	1	-	1
Higher Studies guidance programme	-	1	-	1
EXTERNAL PROGRAMMES (STUDENTS)				
Workshop(attended)	6	20	24	30
Seminar	-	30	-	-
Symposium (Paper Presentation)	6	10	26	32
Symposium (other Technical Events)	6	30	24	30
National Conference (Paper Publication)	7	40	30	37
International Conference (Paper publication)		20	46	46
Journal Publication	5	5	5	10
Project Contest	-	1	1	1
Awards	-	1	1	1
IHT	-	40	-	40
Certification				
NPTEL, SWAYAM	1	13	13	14
STAFF ENRICHMENT & ACCOMPLISHMENTS				
FDP (AU / Other universities)	3	-	-	3
FDP (Internal)	13	4	4	17
Workshop (External)	-	4	-	4
Workshop (Internal)	1	2	-	-
Seminar(External)	3	2	-	-
Seminar(Internal)	-	13	13	13
STTP / SDP	8	2	26	32
FVFS	13	13	-	13

Activities	ODD	EVEN		Total
		Plan	Executed	
National Conference (Paper Publication)	-	13	7	13
International Conference (Paper publication)	-	6	12	12
Journal Publication	5	15	6	11
Awards	-	1	1	1
Ph.D Completion	1	-	-	1
Ph.D Enrolment	-	-	-	-
Research Proposals	-	1	-	-
Programme fund seeking proposals	1	9	5	6

HOD/CSE 1/7/19

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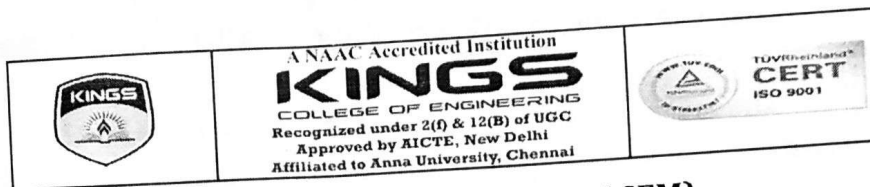
ACADEMIC YEAR 2020-201 (EVEN SEM)
DEPARTMENT OF ELECTRONICS AND COMMUNICATIONS ENGINEERING
DEPARTMENT TARGET

PARAMETER	DETAILS					
	Class wise result target				**IV YR**	
	II YR		**III YR**		Target	Acheived
Overall department result target: **50 %**	Target	Acheived	Target	Acheived	**75 %**	**23.8**
	60 %	--	70 %	--		
Student & Staff Support Initiatives						
Technical events	Annexure – I					
Best practice(s) of the Department	Provide details with outcome planned &/ attained so far **MINI PROJECT, SWAYAM – ARPIT, NPTEL COURSES**					
Research & Development Initiatives						
Student Project – Innovations / In-House works	**During Projects – 04/12 Viswakarma 2020 – 01 BATCH**					
Research proposals submission	**Research Proposal to AICTE = 02**					
Sponsored programme initiatives (Workshop / Seminar/ Conference)	**Workshop – 01 Conference - 01**					
Publication (Staff)	NC : **10**		IC : **05**		Journal : **03**	
Publication (Student)	NC : **20**		IC : **10**		Journal : **02**	
Facility enhancement	**Established smart classroom : 208 Room number**					
Research Centre initiatives	**Anna University recognized Research Centre / 01 initiated the process to get Guideship**					
Initiatives towards MoUs / Establishing Linkages / Peer-Review support						
Industry	**IIFPT, THANJAVUR**					
Academia	NIT : -					
	Other Universities : -					
	Other Colleges : -					
Consultancy Services	-					
Collaboration initiatives	• **CENTER OF EXCELLEENCE FOR NEXT GENERATOIN NETWORKS – PERIYAR MANIAMMAI UNIVERSITY, THANJAVUR.** • **MAS SOLAR SYSTEMS PRIVATE LTD, COIMBATORE** • **EXPECTING 05 MEMBERS WILL ENROLL FOR PhD IN DECEMBER 2021** • **04 PROCESS INITIATED BY 4 MEMBERS REGISTER PUBLICATION IN REPUTED JOURNAL**					

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ACADEMIC YEAR 2020-2021
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
DEPARTMENT TARGET
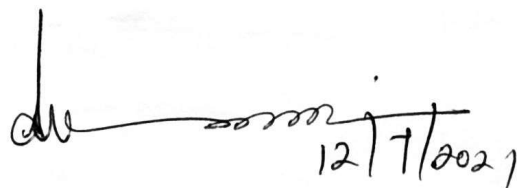
PARAMETER	DETAILS					
	Class wise result target for 2020-2021 ODD					
Overall department result target: **50 %**	**II YR**		**III YR**		**IV YR**	
	Target	Achieved	Target	Achieved	Target	Achieved
	60 ./.		70 ./.		75 ./.	
Student & Staff Support Initiatives						
Technical events	ANNEXURE : 1					
Best practice(s) of the Department	Provide details with outcome planned &/ attained so far MINI PROJECT, SWAYAM – ARPIT, NPTEL COURSES.					
Research & Development Initiatives						
Student Project – Innovations / In-House works	During Project = 04/12 Viswakarma 2020 = 01 BATCH.					
Research proposals submission	Research Proposal to AICTE = 02					
Sponsored programme initiatives (Workshop / Seminar/ Conference)	Workshop = 1 Conference = 1					
Publication (Staff)	NC : 10 IC : 05 Journal : 03					
Publication (Student)	NC : 20 IC : 10 Journal : 01					
Facility enhancement	Established Smart Classroom : 208. Room-No					
Research Centre initiatives	Anna university recognized research centre. => 01 - Initiated the Process to get Guideship.					
Initiatives towards MoUs / Establishing Linkages / Peer-Review support						
Industry	IIFPT, Thanjavur.					
Academia	NIT : — OTHER UNIVERSITIES : — OTHER COLLEGES : —					
Consultancy Services	—					
Collaboration initiatives	=> Centre of Excellence for Next generation Networks Periyar Maniammai university. Thanjavur.					

=> MAS Solar System, Private Ltd, Coimbatore.
=> Expecting 05 members will enroll for Ph.D in Dec 2021.
=> 04 -> Process initiated by 4 members reg. Publication in reputed Journal.

ANNEXURE – I - STUDENT & STAFF ACTIVITY SUMMARY (2020-21)

SL. NO.	PROGRAMME ORGANIZED	2020-21 ODD		2020-21 EVEN	
		Target	Execution	Target	Execution
1	Orientation Programme			2	2
2	Bridge Course				
3	Guest Lecture			1	-
4	Refresher courses				
5	Value Added Courses	1	1		
6	Workshop				
7	Seminar/Webinar	3	7	3	4
8	Symposium	1	1		
9	Conference			1	1
10	Spoken Tutorial	3		3	
11	Alumni Interactions	3	5	2	2
12	Professional Society Activities	3	1	2	2
13	Competency Development Classes	126	90	43	-
14	Intra Department Paper presentation	01	01		
15	Mini-Project Expo	-	-	1	1
16	Project Expo			1	1
17	Career Guidance Programme			1	1
18	Higher Studies guidance programme			1	-
19	Club Activities			2	2
20	Innovation contests (SIH/IIC)			2	2
EXTERNAL PROGRAMME CATEGORY (STUDENTS)					
21	Workshop				
22	Seminar/Webinar			30	>50
23	Symposium (Paper Presentation)			20	-
24	Symposium (other Technical Events)			20	-
25	National Conference (Paper Publication)			30	30
26	International Conference (Paper publication)			13	13
27	Journal Publication			03	03
28	IHT/ Internship	20	17	39	In progress
29	Industrial Visit/Field Visit/ Industry Visit			01	
30	Project Contest			42	42
31	Award / prizes			10	03
32	Extra-Curricular Activities – Sports (Awards/ Participations)				
33	Extra – Curricular Activities - Sports				

SL. NO.	STAFF ENRICHMENT & ACCOMPLISHMNTS	2020-21 ODD		2020-21 EVEN	
		Target	Execution	Target	Execution
34	FDP (AU / Other universities)	2	60		
35	FDP (Internal)				
36	Workshop (External)	1		1	
37	Workshop (Internal)	1			
38	Seminar/Webinar (External)	50	>100	30	30
39	Seminar/Webinar (Internal)	50	>100	30	30
40	STTP / SDP	1	3	16	3
41	FVFS				
42	National Conference (Paper Publication)			30	15
43	International Conference (Paper publication)			5	5
44	Journal Publication			15	10
45	Awards				
46	Ph.D Completion / Enrolment				
47	Research Proposals			2	2
48	Other proposals (Programmes)	1	2	1	1
49	Swayam course	17	15	17	20
50	Book Publication			4	In progress

12/7/2021
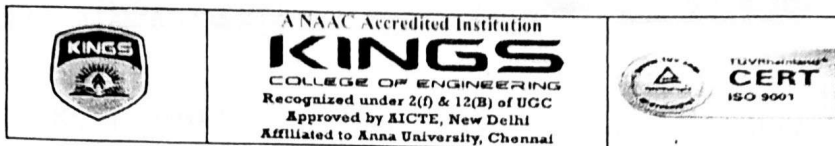
ACADEMIC YEAR 2019-2020
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
DEPARTMENT TARGET

PARAMETER	DETAILS					
	Class wise result target for 2019-2020 EVEN SEM.					
Overall department result target: **50 %**	**II YR**		**III YR**		**IV YR**	
	Target	Achieved	Target	Achieved	Target	Achieved
	60 %.	100 %.	70 %.	100 %.	75 %.	100 %.
Student & Staff Support Initiatives						
Technical events	ANNEXURE - I					
Best practice(s) of the Department	Provide details with outcome planned &/ attained so far MINI PROJECT, SWAYAM COURSES.					
Research & Development Initiatives						
Student Project – Innovations / In-House works	Innovative Project = 03 Batches. Viswakarma = 03 Batches.					
Research proposals submission	TNSCSt = 13 Batches ; Research Proposal to AICTE = 03 Conf. Proposal to ISTE = 02					
Sponsored programme initiatives (Workshop / Seminar/ Conference)	National Conference Completed.					
Publication (Staff)	NC : 24 IC : 08 Journal : 03					
Publication (Student)	NC : 39 IC : 15 Journal : 03					
Facility enhancement	⇒ Requisition Submitted for Robotics Lab.					
Research Centre initiatives	⇒ Got permanent affiliation from Anna university Anna university recognized research centre.					
Initiatives towards MoUs / Establishing Linkages / Peer-Review support						
Industry	IIFPT, THANJAVUR					
Academia	NIT : Margadharishan scheme Staff = 2 Students = 18 other universities: Sastra - PAC member other Colleges :					
Consultancy Services	—					
Collaboration initiatives	MoU Initiatives : 1. BOSCH - Chennai, Coimbatore 2. VI Micro Systems, Chennai					

ACADEMIC YEAR 2019-20 (ODD SEMESTER)
DEPARTMENT OF ECE
DEPARTMENT TARGET

PARAMETER	DETAILS					
	Class wise result target					
Overall department result target:	II YR		III YR		IV YR	
	TARGET	ACHIEVED	TARGET	ACHIEVED	TARGET	ACHIEVED
	25%		25%		55%	
	Student & Staff Support Initiatives					
Technical events	**Annexure – I**					
Best practice(s) of the Department	Provide details with outcome planned &/ attained so far Mini Project.					
	Research & Development Initiatives					
Student Project – Innovations / In-House works	During Project 8/15					
Research proposals submission	TNSCST – 13		Research Proposal to AICTE - 03 Sym, Conf. Proposal to ISTE -02			
Sponsored programme initiatives (Workshop / Seminar/ Conference)	National Conference					
Publication (Staff)	NC : 15		IC : 09		Journal : 14	
Publication (Student)	NC : 30		IC : 20		Journal : 30	
Facility enhancement	FSOC Lab Facility					
Research Centre initiatives	Anna university recognized research centre					
	Initiatives towards MoUs / Establishing Linkages / Peer-Review support					
Industry	IIFPT , THANJAVUR. NIT , TRICHY					
Academia	NIT : 01					
	Other Universities : 01					
	Other Colleges : 02, KSK, Arasu.					
Consultancy Services	─					
Collaboration initiatives	BOSCH - Chennai, Coimbatore VI MICRO SYSTEMS - Chennai					

MOU Letter submitted for 5 Companies.

ANNEXURE – I - STUDENT & STAFF ACTIVITY SUMMARY - ECE -2019-2020

S.NO	PROGRAMME ORGANIZED	2019-20 - ODD		2019-20 - EVEN	
		Target	Execution	Target	Execution
1.	Orientation Programme	01	01	–	03
2.	Bridge Course	01	01	02	–
3.	Guest Lecture	02	04	02	01
4.	Refresher Course	01	01	01	–
5.	Value added course	01	01	–	–
6.	Workshop	03	02	03	02
7.	Seminar / Webinar	01	–	01	– 14
8.	Symposium	01	01	–	–
9.	Conference	–	–	01	01
10.	Spoken Tutorial	03	03	03	–
11.	Alumni Interactions	01	02	01	01
12.	Professional Society Activities	07	03	07	03
13.	My Credit Course(MCC) / SWAYAM	–	–	53	50+2(s)
14.	Intra Department Paper presentation	01	01	–	–
15.	Mini-Project Expo	01	01	–	01
16.	Project Expo	–	–	01	01
17.	Career Guidance Programme	01	–	01	–
18.	Higher Studies guidance programme	01	–	01	–
19.	Club Activities	–	–	–	01
20.	Innovation contests (SIH / IIC)	–	–	–	–
EXTERNAL PROGRAMME CATEGORY (STUDENTS)					
21.	Workshop	50	28	60	27-E, 63-T
22.	Seminar	05	–	10	–
23.	Symposium (Paper Presentation)	20	05	–	14
24.	Symposium (other Technical Events)	20	04	–	10
25.	National Conference (Paper Publication)	10	03	30	39
26.	International Conference (Paper publication)	–	–	20	12+3
27.	Journal Publication	02	–	10	3
28.	IHT / Internship	–	–	25	39
29.	Industrial Visit / Field Visit / Industry Training	–	27	46	81
30.	Project Contest	–	–	50	50
31.	Awards / prizes	10	07	10	–
32.	Extra-Curricular Activities - Sports(Awards/participation)	–	04	–	–
33.	Extra-Curricular Activities- Sports	–	–	–	–
34.	Short term course – Margadarshan scheme	–	18	–	–

	STAFF ENRICHMENT & ACCOMPLISHMENTS	2019-20 - ODD		2019-20 - EVEN	
		Target	Execution	Target	Execution
35.	FDP (AU / Other universities)	03	03	05	53
36.	FDP (Internal)	−	−	−	−
37.	Workshop (External)	10	01	10	−
38.	Workshop (Internal)	20	14	15	−
39.	Seminar(External)	05	−	05	> 150
40.	Seminar(Internal) /webinar	02	−	02	>150
41.	STTP / SDP	18	25	18	03
42.	FVFS	18	18	−	−
43.	National Conference (Paper Publication)	05	−	10	24
44.	International Conference (Paper publication)	04	−	05	08
45.	Journal Publication	04	07	10	03
46.	Awards	−	−	−	−
47.	Ph.D Completion / Enrolment	−	−	−	−
48.	Research Proposals	02	03	01	−
49.	Other proposals (Programmes)	04	12	03	01
50.	Swayam course	17	15	17	15

12/12/2020

HOD/ECE

(Mrs.N.Mangaiyarkarasi)

ACADEMIC YEAR 2018-19 (EVEN SEMESTER)

ECE DEPARTMENT TARGET

PARAMETER	DETAILS					
Classwise result target						
Overall department result target:	II YR		III YR		IV YR	
	A	B	A	B	A	B
	50 %	35 %	50 %	–	85 %	75 %
Student & Staff Support Initiatives						
Technical events	Annexure – I					
Best practice(s) of the Department	Provide details with outcome planned &/ attained so far					
Research & Development Initiatives						
Student Project – Innovations / In-House works	During projects. 10/25					
Research proposals submission	TNSCST- 20 submitted					
Sponsored programme initiatives (Workshop / Seminar/ Conference)	National Conference.					
Publication (Staff)	NC : 10 IC : 3 Journal : 10					
Publication (Student)	NC : 20 IC : 5 Journal : 15					
Facility enhancement	FSOC Lab facilities					
Research Centre initiatives	FSO – AU Recognised.					
Initiatives towards MoUs / Establishing Linkages / Peer-Review support						
Industry	IIFPT, Thanjavur.					
Academia	NIT : 01, Trichirapalli					
	Other Universities : Periyar Maniyammai University - 01					
	Other Colleges :					
Consultancy Services	M/s SAKTHI Power solutions (P)LTD.					
Collaboration initiatives	BOSCH - chennai, Coimbatore, Vi Micro Systems Chennai.					

ACADEMIC YEAR ~~2019-20~~ (ODD SEMESTER)
DEPARTMENT OF ECE
DEPARTMENT TARGET

PARAMETER	DETAILS					
	Class wise result target for 2018-19 (EVEN sem)					
Overall department result target:	II YR		III YR		IV YR	
	TARGET	EXCECUTED	TARGET	EXCECUTED	TARGET	EXECUTED
	50 %	6.35%	50%	27.27 %	85 75	39% 58%
Student & Staff Support Initiatives (A) (B) (B) (A)						
Technical events	Annexure – I					
Best practice(s) of the Department	Provide details with outcome planned &/ attained so far					
Research & Development Initiatives						
Student Project – Innovations / In-House works	During Projects 10/25			Executed		
Research proposals submission	TNSCST - 20 Submitted			Submitted = 20 Awarded = 02		
Sponsored programme initiatives (Workshop / Seminar/ Conference)	National Conference			Proposal Submitted Amount not granted		
Publication (Staff)	NC : 10 (18) IC : 03 (10) Journal : 10 (12) Refer Back					
Publication (Student)	NC : 20 (76) IC : 05(18) Journal : 15 (09) "					
Facility enhancement	FSOC Lab Facility — P.G. Project - 01					
Research Centre initiatives	AU - Recognized					
Initiatives towards MoUs / Establishing Linkages / Peer-Review support						
Industry	IIFPT Thanjavur.					
Academia	NIT : 01, Trichy.					
	Other Universities : PMU - 01					
	Other Colleges :					
Consultancy Services	M/S SAKTHI POWER SOLUTIONS P(LTD)					
Collaboration initiatives	{ BOSCH - Chennal Coimbatore, VI Micro Systems, Chennai }					

ACTIVITIES	ODD	EVEN	
INTERNAL PROGRAMME (STUDENTS)	Executed	Target	Executed
Orientation Programme	01	–	–
Bridge Course	02	02	02
Guest Lecture	–	01	03
Refresher courses	01	–	–
Value Added Courses	–	02	02
Workshop	02	12	03
Seminar	01	02	–
Symposium	01	04	–
Conference	–	12	01
Spoken Tutorial	01	01	03
Alumni Interactions	03	02	02
Professional Society Activities	06	06	05
Competency Development Classes	06	02	02
Intra Department Paper presentation	01 ISTE 06	–	–
Mini-Project Expo	01	–	–
Project Expo	–	01	01
Career Guidance Programme	02	02	–
Higher Studies guidance programme	01	01	–
EXTERNAL PROGRAMME (STUDENTS)	IEEE		
Workshop	03(43)	15	125
Seminar	– (05)	10	–
Symposium (Paper Presentation)	01	04	01
Symposium (other Technical Events)		10	–
National Conference (Paper Publication)	–	20(batch)	76
International Conference (Paper publication)	04	05(batch	12 +6
Journal Publication	04	15	09
Project Contest	–	5 batch	90
Awards	03	02	02+4
IHT, Industrial Visit	–	01	51
CERTIFICATIONS (STAFF & STUDENTS)			
HIGHER STUDIES INITIATIVES			
STAFF ENRICHMENT & ACCOMPLISHMENTS			
FDP (AU / Other universities)	02	–	02
FDP (Internal)	–	–	05
Workshop (External)	04	06	06
Workshop (Internal)	06	25	20
Seminar(External)	–	02	–
Seminar(Internal)	–	–	–
STTP / SDP	–	20	23
FVFS	18	18	–
National Conference (Paper Publication)	–	15	18
International Conference (Paper publication)	4	05	10
Journal Publication	4	05	12
Awards	01	02	01
Ph.D Completion / Enrolment	01	04	–
Research Proposals	–	02	02
Other proposals (Programmes)	–	–	02

ACADEMIC YEAR 2020-21 (ODD SEMESTER)
DEPARTMENT OF EEE
DEPARTMENT TARGET

PARAMETER	DETAILS					
Class wise result target						
Overall department result target:	II YR		III YR		IV YR	
	Target	Achieved	Target	Achieved	Target	Achieved
	85%		80%		90%	
Student & Staff Support Initiatives						
Technical events	Annexure – I					
Best practice(s) of the Department	Provide details with outcome planned &/ attained so far **To organize five days FDP titled Research Issues in Electrical Engineering**					
Research & Development Initiatives						
Student Project – Innovations / In-House works	**Innovative Project works- National Innovation Contest Award In house Projects- To undergo training in reputed companies by online mode.**					
Research proposals submission	**To be submitted Research Promotion Scheme – "AQIS 21-22" and other funding agency proposal.**					
Sponsored programme initiatives (Workshop / Seminar/ Conference)	**AICTE Sponsored STTP**					
Publication (Staff)	NC : **2** IC : **4** Journal : **1**					
Publication (Student)	NC : **2** IC : **2** Journal : **1**					
Facility enhancement	**To be Installed Renewable Energy Laboratory**					
Research Centre initiatives	**To apply renewal** -Research Centre					
Initiatives towards MoUs / Establishing Linkages / Peer-Review support						
Industry	-					
Academia	NIT : **AICTE Margadharsan**					
	Other Universities : -					
	Other Colleges : Conduct technical programme by reputed Institutions.					
Consultancy Services	Energy Audit					
Collaboration initiatives	MOU: To identify suitable Industry for MOU Collaboration and plan to collaborate other technical university and colleges by organizing webinar.					

21/08/20

PARAMETER	DETAILS					
	Class wise result target					
Overall department result target:	II YR		III YR		IV YR	
	Target	Achieved	Target	Achieved	Target	Achieved
	85%		80%		90%	
	Student & Staff Support Initiatives					
Technical events	Annexure – I					
Best practice(s) of the Department	Provide details with outcome planned &/ attained so far **To conduct Awareness programme and extension activity for School and Polytechnic students in order to strengthen the admissions.** **To be launched IOT & Robotics Club.** **To conduct Seminars on recent titles from IEEE Journals by Department faculty members.**					
	Research & Development Initiatives					
Student Project – Innovations / In-House works	**Innovative Project works- TNSCST, Vishwakarma Award-2020 and Smart India Hackathon-2021** **In house Projects- Motivate students to undergo training in Industry or technical Institute.** **Internship in reputed companies.** **Endowment projects.**					
Research proposals submission	**To be submitted Research Promotion Scheme – "AQIS 21-22" and other funding Project proposal.** **MODROBS Proposal**					
Sponsored programme initiatives (Workshop / Seminar/ Conference)	**AICTE Sponsored STTP** **MNRE Sponsored Conference** **ISTE Sponsored workshop/seminar**					
Publication (Staff)	NC : 6		IC : 6		Journal : 5	
Publication (Student)	NC :4		IC : 6		Journal : 6	
Facility enhancement	**To be Installed Renewable Energy Laboratory** **Strengthen the Students Project Club by innovative projects.**					
Research Centre initiatives	**Applied research centre- Renewal**					
	Initiatives towards MoUs / Establishing Linkages / Peer-Review support					
Industry	MoU to be signed with St.Joseph's Water Purifier & RO Plant, Thanjavur.					
Academia	NIT : -					
	Other Universities : -					
	Other Colleges : **Conduct technical programme such as webinar, conference by reputed Institution Resource persons.**					
Consultancy Services	**To conduct Energy Audit**					
Collaboration initiatives	**Planned to conduct technical programme with PAC member(National Institute of Technology)** **Planned to conduct invited lectures from experts of Three Dots Innovations LLP.**					

3,/12/20.

ACADEMIC YEAR 2020-21 (ODD SEMESTER)
DEPARTMENT OF EEE
DEPARTMENT TARGET-EXECUTION

PARAMETER	DETAILS					
	Class wise result target					
Overall department result target:	II YR		III YR		IV YR	
	Target	Achieved	Target	Achieved	Target	Achieved
	85%	87.5%	80%	86.6%	90%	100%
	Student & Staff Support Initiatives					
Technical events	**Annexure – I**					
Best practice(s) of the Department	Provide details with outcome planned &/ attained so far **Organized five days FDP titled Research Issues in Electrical Engineering**					
	Research & Development Initiatives					
Student Project – Innovations / In-House works	**Innovative Project works- Nil** **In house Projects-Undergone training in reputed companies by online mode.**					
Research proposals submission	**Submitted Proposal to SERB-Power Grant**					
Sponsored programme initiatives (Workshop / Seminar/ Conference)	**NIL**					
Publication (Staff)	NC : -- IC : 2 Journal : --					
Publication (Student)	NC : -- IC :-- Journal : --					
Facility enhancement	**Installed Renewable Energy Laboratory**					
Research Centre initiatives	**To apply renewal** -Research Centre					
	Initiatives towards MoUs / Establishing Linkages / Peer-Review support					
Industry	-					
Academia	NIT : NIL					
	Other Universities : -					
	Other Colleges : Conducted technical programme by reputed Institutions.					
Consultancy Services	**Energy Audit**					
Collaboration initiatives	MOU: Nil					

18/12/20

HOD/EEE

ACADEMIC YEAR 2020-21 (EVEN SEMESTER)
DEPARTMENT OF EEE
DEPARTMENT TARGET-EXECUTION

PARAMETER	DETAILS					
	Class wise result target					
Overall department result target:	II YR		III YR		IV YR	
	Target	Achieved	Target	Achieved	Target	Achieved
	85%	88.8%	80%	93.3%	90%	100%
	Student & Staff Support Initiatives					
Technical events	Annexure – I					
Best practice(s) of the Department	Provide details with outcome planned &/ attained so far **Conducted Awareness programme and extension activity for School and Polytechnic students in order to strengthen the admissions.** **Launched IOT & Robotics Club.** **Conducted Seminars on recent titles from IEEE Journals by Department faculty members.**					
	Research & Development Initiatives					
Student Project – Innovations / In-House works	**Innovative Project works- TNSCST, Vishwakarma Award-2020** **In house Projects- Students undergone training in Industry and technical Institute.** **Internship in reputed companies.** **Endowment projects.**					
Research proposals submission	**Submitted Research Promotion Scheme – "AQIS 21-22" and other funding Project proposal.**					
Sponsored programme initiatives (Workshop / Seminar/ Conference)	**AICTE Sponsored STTP** **MNRE Sponsored Conference** **ISTE Sponsored workshop/seminar**					
Publication (Staff)	NC : 6		IC : 6		Journal : 5	
Publication (Student)	NC :4		IC : 6		Journal : 6	
Facility enhancement	**Installed Renewable Energy Laboratory** **Strengthen the Students Project Club by innovative projects.**					
Research Centre initiatives	**Applied research centre- Renewal**					
	Initiatives towards MoUs / Establishing Linkages / Peer-Review support					
Industry	MoU to be signed -NIL					
Academia	NIT : -					
	Other Universities : -					
	Other Colleges : Conducted technical programme such as webinar, conference by reputed Institution Resource persons.					
Consultancy Services	**Conducted Energy Audit**					
Collaboration initiatives	NIL					

HOD/EEE 31/08/21.

ACADEMIC YEAR 2020-21
ANNEXURE – I - STUDENT & STAFF ACTIVITY SUMMARY (2020-21)

ACTIVITIES	ODD		EVEN		TOTAL
	Plan	Executed	Plan	Executed	
INTERNAL PROGRAMME (STUDENTS)					
Orientation Programme	-	-	-	-	-
Bridge Course	-	-	-	-	-
Guest Lecture	2	2	1	2	4
Refresher courses	-	-	-	-	-
Value Added Courses	1	1	1	2	3
Workshop	-	-	1	1	1
Seminar	2	2	4	4	6
Symposium	1	1	-	-	1
Conference	-	-	1	1	1
Spoken Tutorial	3	3	3	3	6
Alumni Interactions	1	2	2	2	4
Professional Society Activities	1	1	1	1	2
Competency Development Classes	-	-	-	-	-
Intra Department Paper presentation	-	-	-	-	-
Mini-Project Expo	-	-	1	-	-
Project Expo	-	-	1	1	1
Career Guidance Programme	-	-	-	-	-
Higher Studies guidance programme	-	-	-	-	-
EXTERNAL PROGRAMME (STUDENTS)					
Workshop	-	-	1	-	-
Seminar / Webinar	10	28	10	45	73
Symposium (Paper Presentation)	1	1	-	-	1
Symposium (other Technical Events) / Quiz	2	5	-	24	29
National Conference (Paper Publication)	2	-	4	4	4
International Conference (Paper publication)	4	-	2	4	4
Journal Publication	1	-	1	4	4
Project Contest	-	-	1	4	4
Awards	-	-	1	-	-
IHT/ Internship, Industrial Visit	15	15	15	-	15
CERTIFICATIONS (STAFF & STUDENTS)					
HIGHER STUDIES INITIATIVES					
STAFF ENRICHMENT & ACCOMPLISHMENTS					
FDP (AU / Other universities)	10	11	10	1	12
FDP (Internal)	-	-	-	-	-
Workshop (External)	2	1	2	3	4
Workshop (Internal)	-	-	4	-	-
Seminar(External)	2	-	10	10	10
Seminar(Internal)	10	4	4	4	8
STTP / SDP	4	2	2	1	3
FVFS	-	-	10	-	-
National Conference (Paper Publication)	2	-	4	4	4
International Conference (Paper publication)	4	4	2	4	8
Journal Publication	1	-	1	4	4
Awards	1	-	1	-	-
Ph.D Completion / Enrolment	2	1	-	-	1
Research Proposals	1	1	1	1	2
Other proposals (Programmes)	1	-	1		-

21/04/21

ACADEMIC YEAR 2019-20 (ODD)
DEPARTMENT OF EEE
DEPARTMENT TARGET

PARAMETER	DETAILS					
	Class wise result target					
Overall department result target:	II YR		III YR		IV YR	
	Target	Achieved	Target	Achieved	Target	Achieved
	25%		46%		76.9%	
	Student & Staff Support Initiatives					
Technical events	**Annexure – I**					
Best practice(s) of the Department	Provide details with outcome planned &/ attained so far					
	Research & Development Initiatives					
Student Project – Innovations / In-House works	**Innovative Project works- 2** **In house Projects- 1**					
Research proposals submission	Planned to prepare RKD Research proposals under funding Agency Scheme.					
Sponsored programme initiatives (Workshop / Seminar/ Conference)	To be prepared proposals to organize Workshop (or) FDP.					
Publication (Staff)	NC : 3		IC : 2		Journal : 3	
Publication (Student)	NC : 3		IC : 2		Journal : 3	
Facility enhancement	To be purchased Solar panel (1040w) and Inverter for the upgradation of Solarlab.					
Research Centre initiatives	Approved by AnnaUniversity, Chennai & updating all the files relevant to research Center.					
	Initiatives towards MoUs / Establishing Linkages / Peer-Review support					
Industry	Industrial Visits will be arranged for IG III year					
Academia	NIT : Registed PAc member @ NIT Trichy					
	Other Universities : –					
	Other Colleges : –					
Consultancy Services	Energy Audit					
Collaboration Initiatives	–					

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ACADEMIC YEAR 2019-20 (ODD SEMESTER)
DEPARTMENT OF EEE
DEPARTMENT TARGET-EXECUTION

PARAMETER	DETAILS					
	Class wise result target					
Overall department result target:	II YR		III YR		IV YR	
	Target	Achieved	Target	Achieved	Target	Achieved
	25%	0%	46%	13.3%	76.9	41.7%
	Student & Staff Support Initiatives					
Technical events	**Annexure – I**					
Best practice(s) of the Department	Provide details with outcome planned &/ attained so far					
	Research & Development Initiatives					
Student Project – Innovations / In-House works	**Innovative Project works- Submitted Proposals to TNSCST** **In house Projects- Students undergone training in Industry and technical Institute.**					
Research proposals submission	**Submitted Research Promotion Scheme – "AQIS 20-21"**					
Sponsored programme initiatives (Workshop / Seminar/ Conference)	**NIL**					
Publication (Staff)	NC :--		IC : --		Journal :--	
Publication (Student)	NC :--		IC : 02		Journal :--	
Facility enhancement	**Purchased Solar panel (1040W) and Inverter for the up gradation of solar laboratory.**					
Research Centre initiatives	Updated files related to Research Centre					
	Initiatives towards MoUs / Establishing Linkages / Peer-Review support					
Industry	**Arranged Industrial Visit –NLC-Third and Final Year students-26 students and five faculty members.**					
Academia	NIT :--					
	Other Universities :--					
	Other Colleges :--					
Consultancy Services	NIL					
Collaboration initiatives	NIL					

HOD/EEE 18/12

ACADEMIC YEAR 2019-20(EVEN)
DEPARTMENT OF EEE
DEPARTMENT TARGET-PLANNED

PARAMETER	DETAILS					
Class wise result target						
Overall department result target:	II YR		III YR		IV YR	
	Target	Achieved	Target	Achieved	Target	Achieved
	75%		80%		80%	
Student & Staff Support Initiatives						
Technical events	**Annexure – I**					
Best practice(s) of the Department	Provide details with outcome planned &/ attained so far					
Research & Development Initiatives						
Student Project – Innovations / In-House works	**Innovative Project works-** **In house Projects-** To undergo training in Industry and technical Institute					
Research proposals submission	To be Submitted Research Promotion Scheme					
Sponsored programme initiatives (Workshop / Seminar/ Conference)	planned to submit proposals to organize Seminar and conference.					
Publication (Staff)	NC : 01 IC : 06 Journal : 02					
Publication (Student)	NC : _ IC : 06 Journal : 01					
Facility enhancement	Materials and equipments purchased for PMKVY					
Research Centre initiatives	To update files and works related to research center.					
Initiatives towards MoUs / Establishing Linkages / Peer-Review support						
Industry	Industrial visit to be planned for Second, third and final year					
Academia	NIT : NIL					
	Other Universities : NIL					
	Other Colleges : -					
Consultancy Services	Energy Audit.					
Collaboration initiatives	NIL.					

20/12/19

ACADEMIC YEAR 2019-20(EVEN)
DEPARTMENT OF EEE
DEPARTMENT TARGET-EXECUTION

PARAMETER	DETAILS					
	Class wise result target					
Overall department result target:	**II YR**		**III YR**		**IV YR**	
	Target	Achieved	Target	Achieved	Target	Achieved
	75%	100%	80%	100%	80%	100%
	Student & Staff Support Initiatives					
Technical events	**Annexure – I**					
Best practice(s) of the Department	Provide details with outcome planned &/ attained so far					
	Research & Development Initiatives					
Student Project – Innovations / In-House works	Innovative Project works- Four Innovative projects were successfully completed through Final EEE students. In house Projects- Students undergone training through online mode					
Research proposals submission	NIL					
Sponsored programme initiatives (Workshop / Seminar/ Conference)	NIL					
Publication (Staff)	NC :		IC :02		Journal :Nil	
Publication (Student)	NC :NIL		IC : 11		Journal : Nil	
Facility enhancement	Nil					
Research Centre initiatives	Renewable Energy Laboratory-Implementation Processing					
	Initiatives towards MoUs / Establishing Linkages / Peer-Review support					
Industry	NIL					
Academia	NIT : NIL					
	Other Universities : NIL					
	Other Colleges : NIL					
Consultancy Services	NIL					
Collaboration initiatives	NIL					

ACTIVITIES	ODD		EVEN		TOTAL
	Plan	Executed	Plan	Executed	
INTERNAL PROGRAMME (STUDENTS)					
Orientation Programme	1	1	–	–	01
Bridge Course	–	–	–	–	–
Guest Lecture	2	1	1	2	03
Refresher courses	1	–	–	–	–
Value Added Courses	1	1	–	–	01
Workshop	2	1	1	1	02
Seminar	2	–	1	1	01
Symposium	1	1	–	–	01
Conference	–	–	1	1	01
Spoken Tutorial	1	3	1	1	04
Alumni Interactions	1	1	1	1	02
Professional Society Activities	2	2	1	2	04
Competency Development Classes	–	–	–	–	–
Intra Department Paper presentation	1	1	–	–	01
Mini-Project Expo	1	1	1	1	02
Project Expo	–	–	1	1	01
Career Guidance Programme	1	–	–	–	–
Higher Studies guidance programme	–	–	–	–	–
EXTERNAL PROGRAMME (STUDENTS)					
Workshop	20	13+41	10	05	59
Seminar	5	–	05	05	05
Symposium (Paper Presentation)	5	6	05	–	06
Symposium (other Technical Events)	5	–	10	30	30
National Conference (Paper Publication)	7	–	06	–	–
International Conference (Paper publication)	2	–	04	04+03	07
Journal Publication	2	–	02	–	–
Project Contest	2	–	14	11	11
Awards	2	–	–	–	–
IHT, Industrial Visit	1	–, 2	–	–	–
CERTIFICATIONS (STAFF & STUDENTS)					
HIGHER STUDIES INITIATIVES					
STAFF ENRICHMENT & ACCOMPLISHMENTS					
FDP (AU / Other universities)	2	1	02	49	50
FDP (Internal)	12	–	11	11	11
Workshop (External)	2	–	02	17	17
Workshop (Internal)	11	11	11	11	22
Seminar(External)	–	–	04	487	487
Seminar(Internal)	11	–	04	11	11
STTP / SDP	–	–	02	2	02
FVFS	10	10	–	–	10
National Conference (Paper Publication)	5	–	02	–	–
International Conference (Paper publication)	2	–	02	02	02
Journal Publication	4	–	02	–	–
Awards	–	–	–	–	–
Ph.D Completion / Enrolment	–	–	–	01	01
Research Proposals	1	1	1	01	02
Other proposals (Programmes)	–	–	–	–	–

ACADEMIC YEAR 2018-19 (EVEN SEMESTER)

DEPARTMENT TARGET

PARAMETER	DETAILS					
	Classwise result target					
Overall department result target:	II YR		III YR		IV YR	
	A	B	A	B	A	B
	5/16=35%	—	6/13=46%	—	35/48=73%	—
	Student & Staff Support Initiatives					
Technical events	**Annexure – I**					
Best practice(s) of the Department	Provide details with outcome planned &/ attained so far _Students will enhance the practical knowledge_ Demonstration class for electrical Machines Laboratory & Electrical M/c					
	Research & Development Initiatives					
Student Project Innovations / In-House works	*Planned for Project Exhibition in the month of March 2019. *II & III year EEE Students - Inhouse training/Internship training. *Submitted Innovations in SIH-2019					
Research proposals submission	planned to prepare R&D research proposals under ISRO or DRDO Funding Agency.					
Sponsored programme initiatives (Workshop / Seminar/ Conference)	To be prepared (proposals) to organize Seminar Grsworkshops (Funding Agency: MNRE/CSIR)					
Publication (Staff)	NC : 14		IC : 3		Journal : 7	
Publication (Student)	NC : 48		IC : 3		Journal : 5	
Facility enhancement	Purchasing Software package for modernizing laboratory through private company/ Modrobs or any other funding agency					
Research Centre initiatives	Approved by Anna University, chennai & updating all the documents relevant to research center.					
	Initiatives towards MoUs / Establishing Linkages / Peer-Review support					
Industry	Students will undergo training in industry/company.					
Academia	NIT : Industrial Visit @ NIT will be arranged for all students					
	Other Universities : —					
	Other Colleges : —					
Consultancy Services	Energy Audit. will be planned either internal or external by our students					
Collaboration initiatives	Communicated five letters to the respective company for MOU Collaboration.					

ACADEMIC YEAR 2018-19 (EVEN SEMESTER)
DEPARTMENT OF EEE
DEPARTMENT TARGET

PARAMETER	DETAILS					
	Class wise result target					
Overall department result target:	II YR		III YR		IV YR	
	Target	Achieved	Target	Achieved	Target	Achieved
	30%	13.33%	46%	30.77%	73%	60%
	Student & Staff Support Initiatives					
Technical events	**Annexure – I**					
Best practice(s) of the Department	Provide details with outcome planned &/ attained so far NIL					
	Research & Development Initiatives					
Student Project – Innovations / In-House works	Innovative Project works- Conducted Project Expo for final year students. and Selected Best Projects In house Projects- NIL					
Research proposals submission	Not Submitted					
Sponsored programme initiatives (Workshop / Seminar/ Conference)	Organized National conference under technical Sponsor of ISTE and IEI.					
Publication (Staff)	NC : 14		IC : 1		Journal : 15	
Publication (Student)	NC : 14		IC : 1		Journal : 15	
Facility enhancement	NIL					
Research Centre initiatives	Approved by Anna University, chennai & updated all the documents.					
	Initiatives towards MoUs / Establishing Linkages / Peer-Review support					
Industry	—					
Academia	NIT : — Other Universities : — Other Colleges : —					
Consultancy Services	—					
Collaboration initiatives	Communicated letters to reputed companies for MOU collaboration.					

18/04

ANNEXURE – I – STUDENT & STAFF ACTIVITY SUMMARY (2018-19)

ACTIVITIES — EXTENSION ACTIVITIES	ODD	EVEN
INTERNAL PROGRAMME (STUDENTS)		
Orientation Programme	–	–
Bridge Course	–	–
Guest Lecture	2	1
Refresher courses	–	–
Value Added Courses	–	–
Workshop	1	2
Seminar	2	1
Symposium	1	–
Conference	–	1
Spoken Tutorial	2	2
Alumni Interactions	1	2
Professional Society Activities	2	3
Competency Development Classes	4	1
Intra Department Paper presentation	–	1
Mini-Project Expo	–	–
Project Expo	–	1
Career Guidance Programme	–	1
Higher Studies guidance programme	–	1
EXTERNAL PROGRAMME (STUDENTS)		
Workshop	9	2
Seminar	1	1
Symposium (Paper Presentation)	1	–
Symposium (other Technical Events)	2	–
National Conference (Paper Publication)	NIL	1
International Conference (Paper publication)	–	–
Journal Publication	–	6 (approx)
Project Contest	–	1
Awards	–	2 (Best Paper)
IHT, Industrial Visit	–	NIL
		13, 1
CERTIFICATIONS (STAFF & STUDENTS)		
NPTEL/Swayam on Line Courses – Staff & NITTTR Programs	–	10&9
HIGHER STUDIES INITIATIVES		
Grati awareness Programme/Tancet & career guidance Program	–	01
STAFF ENRICHMENT & ACCOMPLISHMENTS		
FDP (AU / Other universities)	–	–
FDP (Internal)	–	–
Workshop (External)	–	–
Workshop (Internal)	1	2
Seminar(External)	2	1
Seminar(Internal)	1	1
STTP / SDP	–	1
FVFS	–	8 (NITTTR)
National Conference (Paper Publication)	10	11
International Conference (Paper publication)	–	14
Journal Publication	–	3
Awards	1	7
Ph.D Completion / Enrolment	–	–
Research Proposals	1	–
Other proposals (Programmes)	–	1
	–	1

Verified by.

ACADEMIC YEAR 2018-19 ANNEXURE – I - STUDENT & STAFF ACTIVITY SUMMARY (2018-19)

ACTIVITIES	ODD	EVEN		TOTAL
		Plan	Executed	
INTERNAL PROGRAMME (STUDENTS)				
Orientation Programme	-	-	-	-
Bridge Course	-	-	-	-
Guest Lecture	2	1	-	8
Refresher courses	-	-	-	-
Value Added Courses	-	-	-	-
Workshop	1	2	2	3
Seminar	2	1	2	4
Symposium	1	-	-	1
Conference	-	1	1	1
Spoken Tutorial	1	1	1	2
Alumni Interactions	1	2	2	3
Professional Society Activities	2	3	3	5
Competency Development Classes	4	1	-	4
Intra Department Paper presentation	-	-	-	-
Mini-Project Expo	-	-	-	-
Project Expo	-	1	1	1
Career Guidance Programme	-	1	1	1
Higher Studies guidance programme	-	1	-	-
EXTERNAL PROGRAMME (STUDENTS)				
Workshop	1	2	2	3
Seminar	1	1	-	1
Symposium (Paper Presentation)	1	-	-	1
Symposium (other Technical Events)	2	-	-	2
National Conference (Paper Publication)	7	1	1	8
International Conference (Paper publication)	3	-	-	3
Journal Publication	3	6	15	18
Project Contest	-	48	48	48
Awards	2(Best paper)	2	2	4
IHT, Industrial Visit	-	13, 1	13, 1	13, 1
CERTIFICATIONS (STAFF & STUDENTS) —				
HIGHER STUDIES INITIATIVES NIL				
STAFF ENRICHMENT & ACCOMPLISHMENTS				
FDP (AU / Other universities)	-	-	-	-
FDP (Internal)	-	-	-	-
Workshop (External)	1	2	2	3
Workshop (Internal)	2	1	1	3
Seminar(External)	1	1	-	1
Seminar(Internal)	-	1	1	1
STTP / SDP	-	8(NITTTR)	10(NITTTR)	10
FVFS	10	11	-	10
National Conference (Paper Publication)	-	14	14	14
International Conference (Paper publication)	-	3	1	1
Journal Publication	1	7	15	16
Awards	-	-	-	-
Ph.D Completion / Enrolment	1	-	-	1
Research Proposals	-	1	-	-
Other proposals (Programmes)	-	1		-

ACADEMIC YEAR 2020-21 (EVEN SEMESTER)

DEPARTMENT OF MECHANICAL ENGG

DEPARTMENT TARGET

PARAMETER	DETAILS					
	Classwise result target					
Overall department result target: 80%	II YR		III YR		IV YR	
	Target	Achieved	Target	Achieved	Target	Achieved
					A	B
	70%		80%		85%	85%
	Student & Staff Support Initiatives					
Technical events	**Annexure – I**					
Best practice(s) of the Department	Uploaded 36 videos in College YouTube channel					
	Research & Development Initiatives					
Student Project – Innovations / In-House works	Innovative projects : 1 In House projects :					
Research proposals submission						
Sponsored programme initiatives (Workshop / Seminar/ Conference)						
Publication (Staff)	NC : 19		IC :		Journal : 2	
Publication (Student)	NC : 19		IC :		Journal :	
Facility enhancement						
Research Centre initiatives						
	Initiatives towards MoUs / Establishing Linkages / Peer-Review support					
Industry						
Academia	NIT : Other Universities : Other Colleges :					
Consultancy Services	--					
Collaboration initiatives	--					

ACTIVITIES	EVEN PLAN	EVEN EXECUTED
INTERNAL PROGRAMME (STUDENTS)	-	3
Orientation Programme	-	-
Bridge Course	2	4
Guest Lecture	-	-
Refresher courses	2	2
Value Added Courses	1	
Workshop	-	1
Seminar	-	-
Symposium	1	1
Conference	1	1
Spoken Tutorial	2	1
Alumni Interactions	1	3
Professional Society Activities	-	-
Competency Development Classes	1	1
Intra Department Paper presentation	1	-
Mini-Project Expo	1	1
Project Expo	1	1
Career Guidance Programme	1	1
Higher Studies guidance programme		
EXTERNAL PROGRAMME (STUDENTS)		
Workshop	2	-
Seminar	1	-
Symposium (Paper Presentation)	2	-
Symposium (other Technical Events)	2	2
National Conference (Paper Publication)	1	17
International Conference (Paper publication)	-	-
Journal Publication	-	-
Project Contest	7	17
Awards	-	1
IHT, Industrial Visit	2	-
SWAYAM/NPTEL	100	100
CERTIFICATIONS (STAFF & STUDENTS)		
HIGHER STUDIES INITIATIVES		
STAFF ENRICHMENT & ACCOMPLISHMENTS		
FDP (AU / Other universities)	10	2
FDP (Internal)	-	-
Workshop (External)	2	-
Workshop (Internal)	1	-
Seminar(External)	1	2
Seminar(Internal)	-	-
STTP / SDP	2	2
FVFS	11	-
National Conference (Paper Publication)	1	19
International Conference (Paper publication)	1	2
Journal Publication	1	2
Awards	-	-
Ph.D Completion / Enrolment	-	-
Research Proposals	2	1
Other proposals (Programmes)	-	-
Book publications	2	2
SWAYAM/NPTEL	10	10

T. Prthmay 13/7/21
HoD/MECH

DEPARTMENT OF MECHANICAL ENGINEERING
ACADEMIC YEAR 2020 – 2021 EVEN SEMESTER
DEPARTMENT ACTIVITY PLAN COMPLETION REPORT
AS OF May -2021

S.NO	ACTIVITY	STAFF INCHARGE	COMPLETION STATUS
1.	Staff Internal Seminar	Dr.T.Pushparaj	Completed.,
2.	Internship/IHT	Mr.N.Magesh and Mr.M.Aswin	To be Updated at semester end.,
3.	Inter departmental paper presentation	Mr.S.Desikan Mr.S.Nelson Raja	Completed on 24.5.21
4.	Project EXPO'2021	Mr.R.Shankar Mr.M.Sakthivel	Completed.,
5.	E-Content preparation by staff	Mr.S.Sabanayagam	Done.,
6.	Alumini Interaction (online)	Mr.M.Melwin J Sridhar	Completed on 26.5.21
7.	External Webinar - 1	Mr.R.Shankar and Mr.M. Aswin	Completed on 23/3/21
8.	External Webinar -2	Mr.S.Desikan and Mr.M.Sakthivel	Webinar On 24/5/21.,
9.	E-Conference	Dr.PP.Shantharaman Mr.M.Melwin	Completed on 31/3/21
10.	GATE coaching and enrollment initiatives	Mr.S.Sabanayagam	Completed.,
11.	Staff awards and recognition	Mr.H.Agilan	Completed
12.	Student participation in Webinar/ Conference / Workshop/ Symposium	Mr.R.Rajadurai	Completed.,
13.	Faculty participation in Webinar/ Workshop /FDP/STTP/Conference	Mr.S.Sabanayagam	Completed.,
14.	Establishment of Lab	Mr.H.Agilan	NA
15.	Submission of proposals	Dr.PP.Shantharaman Mr.M.Melwin J Sridhar	To be Updated at semester end.,
16.	Book Publication	Dr.P.P.Shantharaman and Dr.T.Pushparaj Mr.R,Shankar	Completed.,
17.	MOU	Dr.PP.Shantharaman and Mr.N.Magesh	To be Updated at semester end.,
18.	Video Lecture	All Staff Members	Three faculties completed.,
19.	Research publication	Mr.H.Agilan, Mr.S.Sabanayagam and Mr.M.Melwin J Sridhar	Completed.,
20	Skill development programme	Mr.S.Desikan and Mr.M.Aswin	Two programmes completed.,

T. Pushraj

HoD/Mech 13/7/21
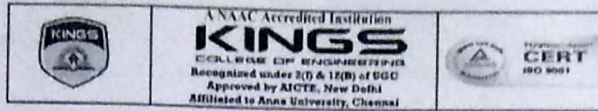
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ACADEMIC YEAR 2020-21 (EVEN SEMESTER)

DEPARTMENT OF MECHANICAL ENGG

DEPARTMENT TARGET

PARAMETER	DETAILS			
Class wise result target				
Overall department result target: 80%	II YR	III YR	IV YR	
			A	B
	70%	80%	85%	85%
Student & Staff Support Initiatives				
Technical events	Annexure – I			
Best practice(s) of the Department	E CONTENT UPLOAD			
Research & Development Initiatives				
Student Project – Innovations / In-House works	Innovative projects : 1 In House projects : 2			
Research proposals submission	Research Proposal Scheme submitted under AICTE			
Sponsored programme initiatives (Workshop / Seminar/ Conference)	AICTE sponsored STTP proposal submitted			
Publication (Staff)	NC : 1	IC : 2	Journal : 7	
Publication (Student)	NC : 10	IC : 1	Journal : 1	
Facility enhancement	Thermal Engineering Lab enhancement proposed			
Research Centre initiatives	Strengthening staff publication			
Initiatives towards MoUs / Establishing Linkages / Peer-Review support				

Industry	MOU with two industries
	  1. M/s Rajeswari Industries, Trichy
	  2. M/s Rydon Industries Pvt Ltd, Arasur			

Academia	NIT : Other Universities : Other Colleges :			
Consultancy Services	--			
Collaboration initiatives	--			

ANNEXURE – I - STUDENT & STAFF ACTIVITY SUMMARY (2020-21) ODD AND EVEN

ACTIVITIES	ODD	EVEN
INTERNAL PROGRAMME (STUDENTS)	**EXECUTED**	**PLAN**
Orientation Programme	1	-
Bridge Course	-	-
Guest Lecture	2	2
Refresher courses	-	-
Value Added Courses	1	2
Workshop	-	1
Seminar	1	-
Symposium	1	-
Conference	-	1
Spoken Tutorial	1	1
Alumni Interactions	-	2
Professional Society Activities	1	1
Competency Development Classes	-	-
Intra Department Paper presentation	-	1
Mini-Project Expo	-	1
Project Expo	-	1
Career Guidance Programme	1	1
Higher Studies guidance programme	-	1
EXTERNAL PROGRAMME (STUDENTS)		
Workshop	-	2
Seminar	-	1
Symposium (Paper Presentation)	-	2
Symposium (other Technical Events)	-	2
National Conference (Paper Publication)	-	1
International Conference (Paper publication)	-	-
Journal Publication	-	-
Project Contest	-	-
Awards	-	7
IHT, Industrial Visit	-	-
SWAYAM/NPTEL	-	2
	-	100
CERTIFICATIONS (STAFF & STUDENTS)		
HIGHER STUDIES INITIATIVES		
STAFF ENRICHMENT & ACCOMPLISHMENTS		
FDP (AU / Other universities)		
FDP (Internal)	13	10
Workshop (External)	-	-
Workshop (Internal)	-	2
Seminar(External)	-	1
Seminar(Internal)	-	1
STTP / SDP	1	-
FVFS	13	2
National Conference (Paper Publication)	-	11
International Conference (Paper publication)	-	1
Journal Publication	-	1
Awards	4	1
Ph.D Completion / Enrolment	-	-
Research Proposals	-	-
Other proposals (Programmes)	-	2
Book publications	-	-
SWAYAM/NPTEL	-	-
	2	12

T. Rudhraraj
HoD/MECH
8/1/21

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ACADEMIC YEAR 2020-21 (ODD SEMESTER)

DEPARTMENT OF MECHANICAL ENGG

DEPARTMENT TARGET

PARAMETER	DETAILS				
	Class wise result target				
Overall department result target: 62.5%	II YR	III YR	IV YR		
				A	B
	50%	60%		70%	70%
	Student & Staff Support Initiatives				
Technical events	Annexure – I				
Best practice(s) of the Department	Promote staff to upload subject content as YouTube videos				
	Research & Development Initiatives				
Student Project – Innovations / In-House works	Innovative projects : 01 In House projects : 02				
Research proposals submission	Proposal for DST agency under progress				
Sponsored programme initiatives (Workshop / Seminar/ Conference)	Solar vehicle design; funded project proposal by Dr.T.Pushparaj				
Publication (Staff)	NC : 01	IC : 01	Journal : 01		
Publication (Student)	NC : 05	IC : 05	Journal : 05		
Facility enhancement	Manufacturing lab & Thermal Lab enhancement proposal submitted				
Research Centre initiatives	Dr.PP.Shantharaman Applied for Research supervisor from our institution				
	Initiatives towards MoUs / Establishing Linkages / Peer-Review support				
Industry	MOU with TVS, Hosur				
Academia	NIT : Other Universities : Other Colleges :				
Consultancy Services	--				
Collaboration initiatives	--				

ACTIVITIES	PLAN ODD	
INTERNAL PROGRAMME (STUDENTS)		
Orientation Programme		
Bridge Course	1	
Guest Lecture	-	
Refresher courses	2	
Value Added Courses	-	
Workshop	1	
Seminar	-	
Symposium	1	
Conference	1	
Spoken Tutorial	-	
Alumni Interactions	1	
Professional Society Activities	2	
Competency Development Classes	2	
Intra Department Paper presentation	-	
Mini-Project Expo	-	
Project Expo	-	
Career Guidance Programme	-	
Higher Studies guidance programme	1	
EXTERNAL PROGRAMME (STUDENTS)	2	
Workshop	1	
Seminar	-	
Symposium (Paper Presentation)	1	
Symposium (other Technical Events)	1	
National Conference (Paper Publication)	1	
International Conference (Paper publication)	1	
Journal Publication	1	
Project Contest	1	
Awards	-	
IIT, Industrial Visit	-	
CERTIFICATIONS (STAFF & STUDENTS)	1	
HIGHER STUDIES INITIATIVES		
STAFF ENRICHMENT & ACCOMPLISHMENTS		
FDP (AU / Other universities)		
FDP (Internal)	1	
Workshop (External)	-	
Workshop (Internal)	1	
Seminar(External)	-	
Seminar(Internal)	1	
STTP / SDP	1	
FVFS	1	
National Conference (Paper Publication)	13	
International Conference (Paper publication)	1	
Journal Publication	1	
Awards	1	
Ph.D Completion / Enrolment	-	
Research Proposals	-	
Other proposals (Programmes)	1	
	-	

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ACADEMIC YEAR 2020-21 (ODD SEMESTER)

DEPARTMENT OF MECHANICAL ENGG

DEPARTMENT TARGET (ACHEIVED)

PARAMETER	DETAILS						
	Classwise result target						
Overall department result target:18%	II YR		III YR		IV YR		
	Target	Achieved	Target	Achieved	Target		Achieved
					A		B
	50%	18%	60%	14%	70%	23%	70%	22%

ACHIEVED: WAITING FOR RESULT

Student & Staff Support Initiatives	
Technical events	Annexure – I
Best practice(s) of the Department	Staff members uploaded around 180 videos in various streams

Research & Development Initiatives	
Student Project – Innovations / In-House works	Innovative projects : NIL In House projects :
Research proposals submission	NIL
Sponsored programme initiatives (Workshop / Seminar/ Conference)	Solar vehicle design; funded project proposal by Dr.T.Pushparaj
Publication (Staff)	NC : IC : Journal : 04
Publication (Student)	NC : IC : Journal : NIL
Facility enhancement	--
Research Centre initiatives	--

Initiatives towards MoUs / Establishing Linkages / Peer-Review support	
Industry	
Academia	NIT : Other Universities : Other Colleges :
Consultancy Services	--
Collaboration initiatives	--

ANNEXURE – I - STUDENT & STAFF ACTIVITY SUMMARY (2020-21) ODD

ACTIVITIES	PLAN	EXECUTED
INTERNAL PROGRAMME (STUDENTS)		
Orientation Programme	1	1
Bridge Course	-	-
Guest Lecture	2	2
Refresher courses	-	-
Value Added Courses	1	1
Workshop	-	-
Seminar	1	1
Symposium	1	1
Conference	-	-
Spoken Tutorial	1	1
Alumni Interactions	2	-
Professional Society Activities	2	1
Competency Development Classes	-	-
Intra Department Paper presentation	-	-
Mini-Project Expo	-	-
Project Expo	-	-
Career Guidance Programme	1	1
Higher Studies guidance programme	2	-
EXTERNAL PROGRAMME (STUDENTS)		
Workshop	1	-
Seminar	-	-
Symposium (Paper Presentation)	1	-
Symposium (other Technical Events)	1	-
National Conference (Paper Publication)	1	-
International Conference (Paper publication)	1	-
Journal Publication	1	-
Project Contest	-	-
Awards	-	-
IHT, Industrial Visit	1	-
CERTIFICATIONS (STAFF & STUDENTS)		
HIGHER STUDIES INITIATIVES		
STAFF ENRICHMENT & ACCOMPLISHMENTS		
FDP (AU / Other universities)	1	13
FDP (Internal)	-	-
Workshop (External)	1	-
Workshop (Internal)	-	-
Seminar(External)	1	-
Seminar(Internal)	1	1
STTP / SDP	1	13
FVFS	13	-
National Conference (Paper Publication)	1	-
International Conference (Paper publication)	1	-
Journal Publication	1	4
Awards	-	-
Ph.D Completion / Enrolment	-	-
Research Proposals	1	-
Other proposals (Programmes)	-	-

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ACADEMIC YEAR 2019-20 (EVEN SEMESTER)
DEPARTMENT OF MECHANICAL ENGG
DEPARTMENT TARGET

PARAMETER	DETAILS					
Class wise result target						
Overall department result target: 68%	II YR	III YR		IV YR		
		A	B	A	B	
	45%	60%	56%	90%	90%	
Student & Staff Support Initiatives						
Technical events	Annexure – I					
Best practice(s) of the Department	1. Weekly update on recent trends in notice board 2. News paper reading by students					
Research & Development Initiatives						
Student Project – Innovations / In-House works	Innovation project : 02 In house project : 02					
Research proposals submission	AICTE- Research Promotion Scheme submitted					
Sponsored programme initiatives (Workshop / Seminar/ Conference)	ISTE sponsorship applied for NCEMS-2020					
Publication (Staff)	NC : -- IC : -- Journal : 08					
Publication (Student)	NC : 12 IC :-- Journal : 15					
Facility enhancement	Updation of AUTODESK software in CAD lab					
Research Centre initiatives	---					
Initiatives towards MoUs / Establishing Linkages / Peer-Review support						
Industry	MOU proposal with WRI has been initiated					
Academia	NIT : --					
	Other Universities : --					
	Other Colleges : --					
Consultancy Services	--					
Collaboration initiatives	--					

ANNEXURE – 1 - STUDENT & STAFF ACTIVITY SUMMARY (2019-20)

ACTIVITIES	ODD		EVEN
	PLAN	EXECUTED	PLAN
INTERNAL PROGRAMME (STUDENTS)			
Orientation Programme	-	-	1
Bridge Course	-	-	-
Guest Lecture	2	2	3
Refresher courses	-	-	1
Value Added Courses	1	1	-
Workshop	2	-	1
Seminar	1	1	1
Symposium	1	1	-
Conference	1	-	1
Spoken Tutorial	1	1	-
Alumni Interactions	1	1	-
Professional Society Activities	2	2	2
Competency Development Classes	2	-	1
Intra Department Paper presentation	1	-	1
Mini-Project Expo	-	-	1
Project Expo	-	-	1
Career Guidance Programme	1	1	-
Higher Studies guidance programme	1	1	1
EXTERNAL PROGRAMME (STUDENTS)			
Workshop	4	4	2
Seminar	2	-	2
Symposium (Paper Presentation)	-	2	1
Symposium (other Technical Events)	-	2	1
National Conference (Paper Publication)	2	2	2
International Conference (Paper publication)	3	-	-
Journal Publication	3	2	2
Project Contest	1	-	1
Awards	-	1	-
IHT, Industrial Visit	-	3	2
CERTIFICATIONS (STAFF & STUDENTS)	3		3
STAFF ENRICHMENT & ACCOMPLISHMENTS			
FDP (AU / Other universities)	2	3	2
FDP (Internal)	-	-	-
Workshop (External)	2	-	2
Workshop (Internal)	-	-	-
Seminar(External)	-	-	-
Seminar(Internal)	-	-	-
STTP / SDP	-	-	-
FVFS	14	13	
National Conference (Paper Publication)	-	1	2
International Conference (Paper publication)	2	-	1
Journal Publication	1	2	2
Awards	-	-	-
Ph.D Completion / Enrolment	-	1	-
Research Proposals	-	-	1
Other proposals (Programmes)	-	-	-
Programme fund seeking proposals	-	2	1

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ACADEMIC YEAR 2019-20 (EVEN SEMESTER)
DEPARTMENT OF MECHANICAL ENGG
DEPARTMENT TARGET VS ACHIEVED

PARAMETER	DETAILS									
Class wise result target										
Overall department result target:	II YR		III YR				IV YR			
			A		B		A		B	
	TARGET	ACHIEVED	TARGET	ACHIEVED	TARGET	ACHIEVED	TARGET	ACHIEVED	TARGET	ACHEIVED
68%	45%	100%	60%	100%	56%	100%	90%	100%	90%	92%
Student & Staff Support Initiatives										
Technical events	Annexure – I									
Best practice(s) of the Department	1. Weekly update on recent trends in notice board 2. News paper reading by students									
Research & Development Initiatives										
Student Project – Innovations / In-House works	Innovation project : 02 In house project : 02									
Research proposals submission	AICTE- Research Promotion Scheme submitted									
Sponsored programme initiatives (Workshop / Seminar/ Conference)	Nil									
Publication (Staff)	NC : -- IC : -- Journal : 04									
Publication (Student)	NC : 12 IC :-- Journal : 12									
Facility enhancement	Updation of AUTODESK software in CAD lab and ANSYS package									
Research Centre initiatives	Dr.PP.Shantharaman title commenced; Mr.H.Agilan & Mr.N.Magesh completed Comprehension									
Initiatives towards MoUs / Establishing Linkages / Peer-Review support										
Industry	--									
Academia	NIT : -- Other Universities : -- Other Colleges : MOU with PMIST, Vallam									
Consultancy Services	--									
Collaboration initiatives	--									

ANNEXURE – I - STUDENT & STAFF ACTIVITY SUMMARY (2019-20) EVEN

ACTIVITIES	ODD	EVEN PLAN	EVEN EXECUTED	TOTAL
INTERNAL PROGRAMME (STUDENTS)				
Orientation Programme	-	1	-	1
Bridge Course	-	-	-	-
Guest Lecture	1	3	3	4
Refresher courses	-	1	1	1
Value Added Courses	1	-	1	2
Workshop	-	1	1	1
Seminar	-	1	-	-
Symposium	-	-	-	-
Conference	-	1	-	-
Spoken Tutorial	1	-	-	1
Alumni Interactions	1	-	-	1
Professional Society Activities	1	2	1	2
Competency Development Classes	-	1	-	-
Intra Department Paper presentation	-	1	-	-
Mini-Project Expo	-	1	-	-
Project Expo	-	1	-	-
Career Guidance Programme	1	-	-	1
Higher Studies guidance programme	-	1	1	1
EXTERNAL PROGRAMME (STUDENTS)				
Workshop	2	2	-	2
Seminar	2	2	-	2
Symposium (Paper Presentation)	-	1	-	-
Symposium (other Technical Events)	-	1	-	-
National Conference (Paper Publication)	1	2	-	1
International Conference (Paper publication)	1	-	3	4
Journal Publication	1	2	3	4
Project Contest	-	1	-	-
Awards	-	-	-	-
IHT, Industrial Visit	-	2	-	-
CERTIFICATIONS (STAFF & STUDENTS)				
STAFF ENRICHMENT & ACCOMPLISHMENTS				
FDP (AU / Other universities)	1	2	1	2
FDP (Internal)	-	-	-	-
Workshop (External)	1	2	1	2
Workshop (Internal)	-	-	-	-
Seminar(External)	-	-	-	-
Seminar(Internal)	-	-	-	-
STTP / SDP	-	-	-	-
FVFS	15		-	15
National Conference (Paper Publication)	-	2	-	-
International Conference (Paper publication)	1	1	3	4
Journal Publication	1	2	3	4
Awards	-	-	-	-
Ph.D Completion / Enrolment	-	-	1	1
Research Proposals	-	1	1	1
Other proposals (Programmes)	-	-	-	-
Programme fund seeking proposals	-	1	-	-

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DEPARTMENT OF MECHANICAL ENGG

ACADEMIC YEAR (2018-19)

DEPARTMENT TARGET ACHIEVED ANALYSIS

PARAMETER	DETAILS					
	Classwise result target *(2018-19 EVEN)*					
Overall Department Target & Achieved 2018-19 ODD : 24% 2018-19 EVEN : 33%	II YR.		III YR.		IV YR.	
	Target	Achieved	Target	Achieved	Target	Achieved
	42.5%	5.7%	57.5%	8.9%	A- 80%	A- 78%
					B- 80%	B- 60%
Student & Staff Support Initiatives Target - 55%						
Technical Events	Annexure – I					
Best practice(s) of the Department	Weekly Update On Recent Trends In Department Notice Board					
Research & Development Initiatives						
Student Project Innovations / In-House works	INNOVATIVE PROJECTS: 03 INHOUSE PROJECTS: IV MECH: 02 III MECH: 01					
Research Proposal Submission	--					
Sponsored Programme initiatives (Workshop / Seminar / Conference)	--					
Publication (Staff)	NC : - IC :01 Journal : 04					
Publication (Student)	NC : - IC : - Journal : 01					
Facility enhancement	Software Updated In Cam Lab					
Research Centre initiatives	Research centre renewal progress going on					
Initiatives towards MoUs / Establishing Linkages / Peer-review support*						
Industry	--					
Academia	--					
Consultancy services	--					
Collaboration initiatives	--					

REMARKS: Communications towards MOU/Peer views has been taken as a serious task and expected to be established in the upcoming semesters.

DEPARTMENT OF MECHANICAL ENGG
Annexure – I -STUDENT & STAFF ACTIVITY SUMMARY (2018-19)

ACTIVITIES	ODD	EVEN Plan	EVEN Executed	TOTAL
INTERNAL PROGRAMMES(STUDENTS)				
Orientation Programme	1	-	-	1
Bridge Course	-	-	-	-
Guest Lecture	3	2	1	4
Refresher Course	-	-	-	-
Value Added Course	-	1	1	1
Workshop	1	2	2	3
Seminar	-	1	1	1
Symposium	1	-	-	1
Conference	-	1	1	1
Spoken Tutorial	-	1	1	1
Alumni Interactions	4	3	3	7
Professional Society Activities	-	2	2	2
Competency Development classes (CDC)	6	2	2	8
My Credit Course(MCC)	-	1	1	1
Intra Department Paper presentation	-	-	-	-
Mini-Project Expo	-	-	-	-
Project Expo	-	1	1	1
Career Guidance Programme	-	1	1	1
Higher Studies guidance programme	-	1	1	1
EXTERNAL PROGRAMMES (STUDENTS)				
Workshop(attended)	3	4	4	7
Seminar	-	2	2	2
Symposium (Paper Presentation)	3	-	-	3
Symposium (other Technical Events)	-	-	-	-
National Conference (Paper Publication)	-	2	2	2
International Conference (Paper publication)	3	3	3	6
Journal Publication	3	3	3	6
Project Contest	-	1	1	1
Awards	-	-	-	-
IHT	IV MECH A&B - 1	II MECH A&B - 1	1	2
Certification				
NPTEL, SWAYAM (NITTR)	-	15	15	15
STAFF ENRICHMENT & ACCOMPLISHMENTS				
FDP (AU / Other universities)	1	2	2	3
FDP (Internal)	-	-	-	-
Workshop (External)	2	2	2	4
Workshop (Internal)	-	-	-	-
Seminar(External)	-	-	-	-
Seminar(Internal)	-	-	-	-
STTP / SDP	-	-	-	-
FVFS	-	20	20	20

Activities	ODD	EVEN		Total
		Plan	Executed	
National Conference (Paper Publication)	-	-	-	-
International Conference (Paper publication)	2	2	2	4
Journal Publication	2	1	1	3
Awards	-	-	-	-
Ph.D Completion	-	-	-	-
Ph.D Enrolment	-	-	-	-
Research Proposals	-	-	-	-
Programme fund seeking proposals	-	-	-	-

HOD/MECH

Mechanical.

ACADEMIC YEAR 2018-19 (EVEN SEMESTER)

DEPARTMENT TARGET (Mechanical)

PARAMETER	DETAILS						OVERALL
	Classwise result target						
Overall department result target:	II YR		III YR		IV YR		
	A	B	A	B	A	B	55%
		42.5%		57.5%		80%	
Student & Staff Support Initiatives							
Technical events	**Annexure – I**						
Best practice(s) of the Department	Provide details with outcome planned &/ attained so far WEEKLY UPDATE ON RECENT DEVELOPMENTS IN MECH-ENGG ON NOTICE BOARD						
Research & Development Initiatives							
Student Project – Innovations / In-House works	No of innovative projects – 1 Inhouse projects 1. IV Mech-A –13 / 2. IV Mech-B –16						
Research proposals submission	—						
Sponsored programme initiatives (Workshop / Seminar/ Conference)	Sponsorship applied for NCON'19 from DRDO and AICTE, MISTE						
Publication (Staff)	NC : — IC : — Journal : 20						
Publication (Student)	NC : — IC : — Journal : 10						
Facility enhancement	Software upgrade in CAM lab.						
Research Centre initiatives	Application for renewal of Research centre to be submitted by May'19.						
Initiatives towards MoUs / Establishing Linkages / Peer-Review support							
Industry	Communication has been sent for many industries regarding MoU.						
Academia	NIT : Contact Established with 2 persons Other Universities : Contact Established with 1 person. Other Colleges : —						
Consultancy Services	—						
Collaboration initiatives	—						

ACTIVITIES	EXTENSION ACTIVITIES	ODD	EVᴺ
INTERNAL PROGRAMME (STUDENTS)			
Orientation Programme		1	—
Bridge Course		—	—
Guest Lecture		3	2
Refresher courses		—	—
Value Added Courses (MCC)		—	1
Workshop		1	2
Seminar		—	1
Symposium		1	—
Conference		—	1
Spoken Tutorial		—	1
Alumni Interactions		4	3
Professional Society Activities		—	2
Competency Development Classes		6	2
Intra Department Paper presentation		—	—
Mini-Project Expo		—	—
Project Expo		—	1
Career Guidance Programme		—	1
Higher Studies guidance programme GATE COACHING		—	1
EXTERNAL PROGRAMME (STUDENTS)			
Workshop		3	4
Seminar		—	2
Symposium (Paper Presentation)		3	—
Symposium (other Technical Events)		—	—
National Conference (Paper Publication)		—	2
International Conference (Paper publication)		3	3
Journal Publication		3	3
Project Contest		—	1
Awards		—	—
IHT, Industrial Visit		IV YR A' & B	II YR A & B
CERTIFICATIONS (STAFF & STUDENTS)			
NITTR Programme			15
HIGHER STUDIES INITIATIVES			
STAFF ENRICHMENT & ACCOMPLISHMENTS			
FDP (AU / Other universities)		1	2
FDP (Internal)		—	—
Workshop (External)		2	2
Workshop (Internal)		—	—
Seminar(External)		—	—
Seminar(Internal)		—	—
STTP / SDP		—	—
FVFS		20 (2018 – 19)	
National Conference (Paper Publication)		—	—
International Conference (Paper publication)		2	2
Journal Publication		2	1
Awards		—	—
Ph.D Completion / Enrolment		—	—
Research Proposals		—	—
Other proposals (Programmes)		—	—

T. Prabhury

ACADEMIC YEAR 2020-21 (EVEN SEMESTER)
DEPARTMENT OF S&H
DEPARTMENT TARGET

PARAMETER	DETAILS		
	Class wise result target		
Overall department result target:	I YEAR		
	Target		Achieved
	100%		
	Student & Staff Support Initiatives		
Technical events	**Annexure – I**		
Best practice(s) of the Department	1.News reading in English		
	Research & Development Initiatives		
Student Project – Innovations / In-House works	**NA**		
Research proposals submission	**To be submitted Research Promotion Scheme – "AQIS 21-22"**		
Sponsored programme initiatives (Workshop / Seminar/ Conference)	**International Conference on Advancements in Science and Humanities**		
Publication (Staff)	NC : 2	IC : 3	Journal : 4
Publication (Student)	NC : -	IC : -	Journal : -
Book Publication	Engineering Mathematics-II – Dr.R.Suresh,Dr.G.Shankarakalidoss Engineering Chemistry – Dr.S.Udhayakumar,Dr.P.Saravanan		
Facility enhancement	**Initiate smart class room**		
Research Centre initiatives	-		
	Initiatives towards MoUs / Establishing Linkages / Peer-Review support		
Industry	Progress of MoU with Arignar Anna Sugar Factory, Kurunkulam, Thanjavur(Dt.)		
Academia	NIT : 1		
	Other Universities : 1		
	Other Colleges : 1		
Consultancy Services	-		
Collaboration initiatives	-		

ACADEMIC YEAR 2020-21 (ODD SEMESTER)
DEPARTMENT OF S&H
DEPARTMENT TARGET
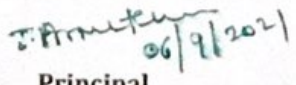
PARAMETER	DETAILS		
Class wise result target			
Overall department result target:	**I YEAR**		
	Target		Achieved
	100%		20.3%
Student & Staff Support Initiatives			
Technical events	**Annexure – I**		
Best practice(s) of the Department	1.Lateral Entry coaching 2. News reading in English		
Research & Development Initiatives			
Student Project – Innovations / In-House works	**NA**		
Research proposals submission	**To be submitted Research Promotion Scheme – "AQIS 21-22"**		
Sponsored programme initiatives (Workshop / Seminar/ Conference)	**2**		
Publication (Staff)	NC : 5	IC : 5	Journal : 4
Publication (Student)	NC : -	IC : -	Journal : -
Facility enhancement	**Renovate Chemistry Lab and Staff rooms**		
Research Centre initiatives	-		
Initiatives towards MoUs / Establishing Linkages / Peer-Review support			
Industry	Initiate process of MoU with Arignar Anna Sugar Factory, Kurunkulam, Thanjavur(Dt.)		
Academia	NIT : 1		
	Other Universities : 1		
	Other Colleges : 1		
Consultancy Services	-		
Collaboration initiatives	-		

ACADEMIC YEAR 2020-21 ANNEXURE – I - STUDENT & STAFF ACTIVITY SUMMARY
ACADEMIC YEAR 2020-21

ACTIVITIES	ODD		EVEN		TOTAL
	Plan	Executed	Plan	Executed	
INTERNAL PROGRAMME (STUDENTS)					
Orientation Programme	1	1	1		2
Bridge Course	1	1			1
Guest Lecture	1	0	1		2
Refresher courses	-				
Value Added Courses / Swayam	-	-	1	152*	1
Workshop	4	0			4
Seminar	4	1	4	1	8
Symposium	-				
Conference	1	1	1		2
Spoken Tutorial					
Alumni Interactions	1	1			1
Professional Society Activities					
Competency Development Classes			1		1
Intra Department Paper presentation	1	0			1
Mini-Project Expo					
Project Expo			1		1
Career Guidance Programme					
Higher Studies guidance programme					
Workshop			5		5
Seminar			2		2
Symposium (Paper Presentation)			5		5
Symposium (other Technical Events)			10		10
National Conference (Paper Publication)					
International Conference (Paper publication)					
Journal Publication					
Project Contest					
Awards					
IHT, Industrial Visit					
CERTIFICATIONS (STAFF & STUDENTS)					
***-152 students Registered for SWAYAM Course**					
HIGHER STUDIES INITIATIVES					
STAFF ENRICHMENT & ACCOMPLISHMENTS					
FDP (AU / Other universities)	10	9	5	5	15
FDP (Internal)			2	5	2
Workshop (External)	5	4	1		6
Workshop (Internal)			1		1
Seminar(External)/Webinar			2	15	2
Seminar(Internal)	2	6	2		4
STTP / SDP	5	2	2		7
FVFS	-	-	14	-	14
National Conference (Paper Publication)	5	4	2		7
International Conference (Paper publication)	5	3	2		7
Journal Publication	4	2	4		8
Book Publication			2		2
Awards					
Ph.D Completion / Enrolment	3	1	2	3	5
Research Proposals					
Other proposals (Programmes)	2	0			2

HoD / S & H   J.Arunkumar 06/9/2021
                                                                     Principal

ACADEMIC YEAR 2019-20
DEPARTMENT ACTIVITIES 2019-20 (Staff and Students)
DEPARTMENT OF SCIENCE AND HUMANITIES

Programme organized

Programme Title	Date of event	Resource Person name, Designation, affiliation	Beneficiaries (Class & Strength)	Highlights (if any)
Students with Staff				
Guest Lecture	----			
Plastic ban awareness programme-NSS,CCC,YRC, RRC				
Eye Camp-NSS				
Paper Presentation	07.03.2020	Mrs.R.Revathi, HoD/Civil	34	Very usefull for the Students
National Deworming day(NDD)-NSS				
Special Camp				
Passport Seva student connect programme-YRC				
Competency Development Class	----			
Career Guidance Programme	----			
Passport online Registration Camp-YRC				
Workshop	-----			
Pulse Polio Camp-NSS				
Drawing Competition-CCC	----			
Voting demonstration-NSS				
Mini-Project Expo	----			
National Seminar	----			

Professional society activities

Name of the Professional Society	Programme Title	Date of event	Beneficiaries (Class & Strength)	Highlights (if any)
Internal				
ISTE	Staff Seminar			
-	-	-	-	-

Student & Staff achievements

1. In-House Training

Student Name(s) (batchwise)	Industry (name and place)	Duration (mention dates)
-	-	-

2. Internships

Student Name	Industry (name and place)	Duration (mention dates)	Internship amount offered
-	-	-	-

3. Participation in events (External / Internal)

Student Name(s)	Programme title	Organizer	Date

Programme includes : Workshops, Seminar

4. Awards, Prizes won (Students Attended)

Student Name(s)	Programme title	Organizer	Date	Prize details

5. Publications
Conference

Name(s)	Name of the Conference, Date and organizer	Paper title
Dr.V.Sureshkumar Dr.S.Udayakumar Dr.P.Saravanan	International Conference, E.R.K Arts & Science College, Dharmapuri	"A Study on immersion time in HCL using polythiophene derivatives" "Adsorbtion of metal ions by acid activated corbon of vitex negundo sterm" "Improving the dye ability of silk dye from covers of landana camara link"
Dr.V.Sureshkumar	Sengamala Thayaar Educational	"Inhivikion effect of steel in

Dr.S.Udayakumar Dr.P.Saravanan	Trust Women's College, Mannargudi	HCl solutions" "A Studies on the activated corbon" "Dyeing of silk in arjuna linn"
Mr.G.Jeyakrishnan	Jamal Mohammed College, Trichy	"Perimeter of the Pythagorean triangle using Octagonal and nonagonal numbers"

6. Seminar/Workshop/STTP Attended

Name(s)	Name of the Conference, Date and organizer
Dr.S.Udayakumar	Workshop- Sri Krishna College of Technology, **24.02.2020**
Dr.S.Udayakumar Mrs.T.Gnanajeya Dr.P.Saravanan	Workshop- AICTE, **11.05.2020-15.05.2020**
Dr.R.Suresh Dr.G.Shankara Kalidoss	STTP, IIT, 09.12.2019 -14.12.2019

Journal

Name(s)	Paper title	Journal details
Mr.G.Jeyakrishnan	" Latice points on the homogeneous equation $7\,(x^2+y^2) - 13\,xy = 31\,Z^{2^*}$,	• journal of Information and computational Science, Vol. 10 Issue - 2, ISSN:1548-7741 .
Mr.G.Jeyakrishnan	"Octagonal Numbers, Squar Numbers and Pythagorean triangles"	journal of Analytical and experimental model analysis, Vol.XII, ISSN 0886-9367.
Dr.AL.Kavitha	"Review of some Applications of Chitin/Chitosan with Metal/Metal Oxide Composite	International Journal for Research in Applied Science & Engineering Technology, Vol.7, 2019, pp.1-9.
Dr.P.Saravanan	"Ecofriendly ultrasonic natural dyeing of wool fabric with natural dyes obtained from wrightia tinctoria",	International journal of scientific Research and Reviews, Vol.8(2), 2019, pp.2484-2497

Provide publication details of staff and students

7. Project awards(Students and staffs)

Name(s)	Project title	Event name and organizer	Prize detail
-	--	-	-
-	-	-	-

8. Proposals submitted (Staff & Students)

Applicant name	Proposal details	Funding agency	Amount sought	Period of submission	Status
Dr.G.Shankar akalidoss	National Level seminar on laplace transforms in spectrum analysis	ISRO	Rs. 35000	Jan 2020	Under processing

Mention student name and class for student category

Guest Name, Designation, Affiliation	Programme visited & Date	Highlights
-	-	-

9.External Programme -Staff

Name of the Institution	Nature of the Program	Date
Sri Krishna College of Technology	Workshop	24.02.2020
AICTE	Workshop	11.05.2020-15.05.2020
Eminent Association of Researchers in Engineering and Technology	International Conference	26-12.2019-27.12.2019
E.R.K Arts & Science College, Dharmapuri	International Conference	11.07.2019 – 12.07.2019
Sengamala Thayaar Educational Trust Women's College, Mannargudi	International Conference	20.08.2019
Alagappa University, Karaikudi	International Conference	25.07.2019-26.07.2019
IIT Madrass	STTP	09.12.2019 -14.12.2019
Jamal Mohammed College, Trichy	International Conference	19.02.2019

10.Institutional contribution (Staff and students)

Name	Details of responsibility held	Impact created
Dr.V.Suresh Kumar	HoD / S & H	Monitoring the staff, students
	Discipline Committee Coordinator	and solve the discipline issue issues
	Admission Cell Coordinator	Counseling the students Complete admission related activities
	Press media correspondence	Send college related news to media
Dr.S.Udhayakumar	Stock Verification Coordinator	Overall stock verification.
	UHV Coordinator	Train the staff members and students about UHV Programmes
	Admission Team(No.5) Head	Coordinating members towards admission
Dr.P.Saravanan	Deputy Warden	Boys Hostel
Dr.AL.Kavitha(ODD SEM)	Parent Communication Co-ordinator	Assessment, fees structure, PTA, Less than 75%

		Attendance communicated to the parents
	PTA SECRETARY	After university results –PTA meeting conducted
	SCC Co-ordinator	As per schedule daily prayer conducted & report submitted to the principal
	PMMS Nodal Officer	Scholarship Scheme-I year
Mrs.T.Gnanajeya	I Year Academic Coordinator	Follow up of academic activities
	Gate & Competitive Exams Convener	Monitoring, conducted Awareness programmes about Gate
	ISTE Student & Staff Chapter	Conducted seminar & other activities
Dr.R.Suresh	Deputy CCE	conducted the all exams
Dr. G.Ramya Arockia mary	Coordinator – Citizen Consumer club	Organize consumer awareness programmes
Dr.G.Shankarakalidoss	Discipline Committee Convener	Monitoring the discipline related activities
Mrs.S.Revathi	Convener- women cell	Organizing programmes about women welfare
Mr.G.Jeyakrishnan	Member - IQAC	Department IQAC Related activities
S.Ambalatharasu	NSS Programme officer Unit – II	Organize various awareness Programmes
P.Rajeshwaran	NSS Programme officer Unit - I	
Mr.K.Anandharaj	CO-ordinator – YRC & RRC,	Conducted awareness programmes
Mrs. R.Umamaheshwari	Member – Fine Arts Association	Coordinating FAA Related fonctions

HoD/S&H

Principal

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COLLEGE OF ENGINEERING
Recognized under 2(f) & 12(B) of UGC
Approved by AICTE, New Delhi
Affiliated to Anna University, Chennai

CERT
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ACADEMIC YEAR 2019-20 (ODD & EVEN SEMESTER)

DEPARTMENT TARGET

PARAMETER	DETAILS			
Result target				
Overall Department Target & Achieved	I YEAR			
	Target		Achieved	
	ODD	EVEN	ODD	EVEN
	50	50	17.7	100
Student & Staff Support Initiatives				
Technical Events	Annexure – I			
Best practice(s) of the Department	**NEWS READING**			
Research & Development Initiatives				
Student Project Innovations / In-House works	-			
Research Proposal Submission	2			
Sponsored Programme initiatives (Workshop / Seminar / Conference)	1			
Publication (Staff)	NC : 4 IC : 2 Journal : 4			
Publication (Student)	NC : - IC :- Journal : -			
Facility enhancement	2			
Research Centre initiatives	-			
Initiatives towards MoUs / Establishing Linkages / Peer-review support*				
Industry	Dr. J.Mathiarasu,Senior Principal, Scientist, CECRI,Karaikudi			
Academia	Dr.R.Karvembu. NIT, Trichy Dr.M.Sundarajsn Alagappa University Dr.M.Veerapadra samy PESIT University, Bangalore			
Consultancy services	-			
Collaboration initiatives	-			

ACTIVITIES	ODD		EVEN		TOTAL
	Planned	Executed	Planned	Executed	
INTERNAL PROGRAMMES(STUDENTS)					
Orientation Programme	1	1	-	-	1
Bridge Course	1	1	-	-	1
Guest Lecture	1	1	1	-	1
Refresher Course	-	-	-	-	-
Value Added Course	-	-	-	-	-
Workshop	-	-	-	-	-
Seminar	1	-	-	-	-
Symposium	-	-	-	-	-
Conference	-	-	1	1	1
Spoken Tutorial	-	-	-	-	-
Alumni Interactions	-	-	-	-	-
Professional Society Activities	-	-	-	-	-
Competency Development classes (CDC)	-	-	1	-	-
My Credit Course(MCC)	-	-	-	-	-
Intra Department Paper presentation	-	-	1	1	1
Mini-Project Expo	-	-	1	-	-
Project Expo	-	-	-	-	-
Career Guidance Programme	-	-	-	-	-
Higher Studies guidance programme	-	-	-	-	-
EXTERNAL PROGRAMMES (STUDENTS)					
Workshop(attended)	1	1	1	1	2
Seminar	-	-	1	-	-
Symposium (Paper Presentation)	-	-	1	1	1
Symposium (other Technical Events)	-	-	1	1	1
National Conference (Paper Publication)	-	-	-	-	-
International Conference (Paper publication)	-	-	-	-	-
Journal Publication	-	-	-	-	-
Project Contest	-	-	-	-	-
Awards	-	-	-	-	-
IHT	-	-	-	-	-
Certification					
NPTEL, SWAYAM	-	-	12	6	6
STAFF ENRICHMENT & ACCOMPLISHMENTS					
FDP (AU / Other universities)	1	3	1	-	3
FDP (Internal)	1	5	-	-	5
Workshop (External)	--	-	1	4	4
Workshop (Internal)	-	-	1	3	3
Seminar(External)	-	-	-	-	-
Seminar(Internal)	-	-	-	-	-
STTP / SDP	1	-	1	1	1
FVFS	15	15	-	-	15

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DEPARTMENT OF SCIENCE AND HUMANITIES
Annexure – I -STUDENT & STAFF ACTIVITY SUMMARY (2018-19)

ACTIVITIES	ODD	EVEN		TOTAL
		Plan	Executed	
INTERNAL PROGRAMMES(STUDENTS)				
Orientation Programme	2	-	-	2
Bridge Course	1	-	-	1
Guest Lecture	-	1	1	1
Refresher Course	-	-	-	-
Value Added Course	-	-	-	-
Workshop	-	1	1	1
Seminar	-	1	1	1
Symposium	-	-	-	-
Conference	-	-	-	-
Spoken Tutorial	-	-	-	-
Alumni Interactions	-	-	-	-
Professional Society Activities	6	9	9	15
Competency Development classes (CDC)	-	1	1	1
My Credit Course(MCC)	-	-	-	-
Intra Department Paper presentation	-	1	1	1
Mini-Project Expo	-	1	1	1
Project Expo	-	-	-	-
Career Guidance Programme	-	1	1	1
Higher Studies guidance programme	-	-	-	-
EXTERNAL PROGRAMMES (STUDENTS)				
Workshop(attended)	-	-	-	-
Seminar	-	-	-	-
Symposium (Paper Presentation)	-	1	1	1
Symposium (other Technical Events)	13	2	7	20
National Conference (Paper Publication)	-	-	-	-
International Conference (Paper publication)	-	-	-	-
Journal Publication	-	-	-	-
Project Contest	-	-	-	-
Awards	-	-	-	
IHT	-	-	-	-
Certification				
NPTEL, SWAYAM	-	-	-	-
STAFF ENRICHMENT & ACCOMPLISHMENTS				
FDP (AU / Other universities)	1	-	-	1
FDP (Internal)	2	-	-	2
Workshop (External)	1	-	-	1
Workshop (Internal)	-	-	-	-
Seminar(External)	2	-	4	6
Seminar(Internal)	2	1	6	8
STTP / SDP	-	3	6	6
FVFS	18	19	-	18

Activities	ODD	EVEN		Total
		Plan	Executed	
National Conference (Paper Publication)	4	1	1	4
International Conference (Paper publication)	1	1	1	2
Journal Publication	1	2	2	3
Awards	-	-	-	-
Ph.D Completion	1	-	-	1
Ph.D Enrolment	1	-	-	1
Research Proposals	1	1	1	2
Programme fund seeking proposals		-	2	2

ACADEMIC YEAR 2019-20
DEPARTMENT ACTIVITIES 2019-20 (Staff and Students)
DEPARTMENT OF SCIENCE AND HUMANITIES

Programme organized

Programme Title	Date of event	Resource Person name, Designation, affiliation	Beneficiaries (Class & Strength)	Highlights (if any)
Students with Staff				
Guest Lecture				
Mini-Project Expo				
National Seminar				

Professional society activities

Name of the Professional Society	Programme Title	Date of event	Beneficiaries (Class & Strength)	Highlights (if any)
Internal				
ISTE	Staff Seminar		-	-
-	-	-		

Student & Staff achievements

1. In-House Training

Student Name(s) (batchwise)	Industry (name and place)	Duration (mention dates)
-	-	-

2. Internships

Student Name	Industry (name and place)	Duration (mention dates)	Internship amount offered
-	-	-	-

3.Participation in events (External / Internal)

Student Name(s)	Programme title	Organizer	Date

Programme includes : Workshops, Seminar

3. Awards, Prizes won (Students Attended)

Student Name(s)	Programme title	Organizer	Date	Prize details

4. Publications
Conference

Name(s)	Name of the Conference, Date and organizer	Paper title
Dr.V.Sureshkumar Dr.S.Udayakumar Dr.P.Saravanan	International Conference, E.R.K Arts & Science College, Dharmapuri	"A Study on immersion time in HCL using polythiophene derivatives" "Adsorbtion of metal ions by acid activated corbon of vitex negundo sterm" "Improving the dye ability of silk dye from covers of landana camara link"
Dr.V.Sureshkumar Dr.S.Udayakumar Dr.P.Saravanan	Sengamala Thayaar Educational Trust Women's College, Mannargudi	"Inhivikion effect of steel in HCl solutions" "A Studies on the activated corbon" "Dyeing of silk in arjuna linn"
Mr.G.Jeyakrishnan	Jamal Mohammed College, Trichy	"Perimeter of the Pythagorean triangle using Octagonal and nonagonal numbers"

5. Seminar/Workshop/STTP Attended

Name(s)	Name of the Conference, Date and organizer
Dr.S.Udayakumar	Workshop- Sri Krishna College of Technology, 24.02.2020
Dr.S.Udayakumar Mrs.T.Gnanajeya Dr.P.Saravanan	Workshop- AICTE, 11.05.2020-15.05.2020
Dr.R.Suresh Dr.G.Shankara Kalidoss	STTP, IIT, 09.12.2019 -14.12.2019

Journal

Name(s)	Paper title	Journal details
Mr.G.Jeyakrishnan	" Latice points on the homogeneous equation $7 (x^2+y^2) - 13 xy = 31 Z^2$",	• journal of Information and computational Science, Vol. 10 Issue -

		2, ISSN:1548-7741 .
Mr.G.Jeyakrishnan	"Octagonal Numbers, Squar Numbers and Pythagorean triangles"	journal of Analytical and experimental model analysis, Vol.XII, ISSN 0886-9367.
Dr.AL.Kavitha	"Review of some Applications of Chitin/Chitosan with Metal/Metal Oxide Composite	International Journal for Research in Applied Science & Engineering Technology, Vol.7, 2019, pp.1-9.
Dr.P.Saravanan	"Ecofriendly ultrasonic natural dyeing of wool fabric with natural dyes obtained from wrightia tinctoria",	International journal of scientific Research and Reviews, Vol.8(2), 2019, pp.2484-2497

Provide publication details of staff and students

6. Project awards(Students and staffs)

Name(s)	Project title	Event name and organizer	Prize detail
-	--	-	-
-	-	-	-

7. Proposals submitted (Staff & Students)

Applicant name	Proposal details	Funding agency	Amount sought	Period of submission	Status
Dr.G.Shankar akalidoss	National Level seminar on laplace transforms in spectrum analysis	ISRO	Rs. 35000	Jan 2020	Under processing

Mention student name and class for student category

8.VIP visits

Guest Name, Designation, Affiliation	Programme visited & Date	Highlights
-	-	-

9.External Programme -Staff

Name of the Institution	Nature of the Program	Date
Sri Krishna College of Technology	Workshop	24.02.2020
AICTE	Workshop	11.05.2020-15.05.2020
Eminent Association of Researchers in Engineering and Technology	International Conference	26-12.2019-27.12.2019
E.R.K Arts & Science College, Dharmapuri	International Conference	11.07.2019 – 12.07.2019
Sengamala Thayaar Educational Trust Women's	International Conference	20.08.2019

College, Mannargudi		
Alagappa University, Karaikudi	International Conference	25.07.2019-26.07.2019
IIT Madrass	STTP	09.12.2019 -14.12.2019
Jamal Mohammed College, Trichy	International Conference	19.02.2019

10.Institutional contribution (Staff and students)

Name	Details of responsibility held	Impact created
Dr.V.Suresh Kumar	HoD / S & H	Monitoring the staff, students
	Discipline Committee Coordinator	and solve the discipline issue issues
	Admission Cell Coordinator	Counseling the students Complete admission related activities
	Press media correspondence	Send college related news to media
Dr.S.Udhayakumar	Stock Verification Coordinator	Overall stock verification.
	UHV Coordinator	Train the staff members and students about UHV Programmes
	Admission Team(No.5) Head	Coordinating members towards admission
Dr.P.Saravanan	Deputy Warden	Boys Hostel
Dr.AL.Kavitha(ODD SEM)	Parent Communication Co-ordinator	Assessment, fees structure, PTA, Less than 75% Attendance communicated to the parents
	PTA SECRETARY	After university results –PTA meeting conducted
	SCC Co-ordinator	As per schedule daily prayer conducted & report submitted to the principal
	PMMS Nodal Officer	Scholarship Scheme-I year
Mrs.T.Gnanajeya	I Year Academic Coordinator	Follow up of academic activities
	Gate & Competitive Exams Convener	Monitoring, conducted Awareness programmes about Gate
	ISTE Student & Staff Chapter	Conducted seminar & other activities

Dr.R.Suresh	Deputy CCE	conducted the all exams
Dr. G.Ramya Arockia mary	Coordinator – Citizen Consumer club	Organize consumer awareness programmes
Dr.G.Shankarakalidoss	Discipline Committee Convener	Monitoring the discipline related activities
Mrs.S.Revathi	Convener- women cell	Organizing programmes about women welfare
Mr.G.Jeyakrishnan	Member - IQAC	Department IQAC Related activities
S.Ambalatharasu	NSS Programme officer Unit – II	Organize various awareness Programmes
P.Rajeshwaran	NSS Programme officer Unit - I	
Mr.K.Anandharaj	CO-ordinator – YRC & RRC,	Conducted awareness programmes
Mrs. R.Umamaheshwari	Member – Fine Arts Association	Coordinating FAA Related fonctions

HoD/S&H

Principal

ACADEMIC YEAR 2018-19 (EVEN SEMESTER)

DEPARTMENT TARGET

PARAMETER	DETAILS		
Result target			
Overall Department Target & Achieved	I YEAR		
	Target	Achieved	
	50	**19.2**	
Student & Staff Support Initiatives			
Technical Events	Annexure – I		
Best practice(s) of the Department	**NEWS READING**		
Research & Development Initiatives			
Student Project Innovations / In-House works	-Mini project Expo		
Research Proposal Submission	2		
Sponsored Programme initiatives (Workshop / Seminar / Conference)	National seminar- 2 submitted		
Publication (Staff)	NC :1 IC : 1 Journal : 2		
Publication (Student)	NC : - IC :- Journal : -		
Facility enhancement	-		
Research Centre initiatives	-		
Initiatives towards MoUs / Establishing Linkages / Peer-review support*			
Industry	Dr. M. Sathish, Scientist, CECRI, Karaikudi		
Academia	Dr. M. Revanasiddappa, Professor, PES University, Bangalore, Karnataka		
Consultancy services	-		
Collaboration initiatives	-		

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ACADEMIC YEAR 2019-19 (ODD & EVEN SEMESTER)

DEPARTMENT TARGET

PARAMETER	DETAILS			
Result target				
Overall Department Target & Achieved	I YEAR			
	Target		Achieved	
	ODD	EVEN	ODD	EVEN
	50	50	**17.7**	**100**
Student & Staff Support Initiatives				
Technical Events	Annexure – I			
Best practice(s) of the Department	**NEWS READING**			
Research & Development Initiatives				
Student Project Innovations / In-House works	-			
Research Proposal Submission	2			
Sponsored Programme initiatives (Workshop / Seminar / Conference)	1			
Publication (Staff)	NC :4 IC : 2 Journal : 4			
Publication (Student)	NC : - IC :- Journal : -			
Facility enhancement	2			
Research Centre initiatives	-			
Initiatives towards MoUs / Establishing Linkages / Peer-review support*				
Industry	Dr. J.Mathiarasu,Senior Principal, Scientist, CECRI,Karaikudi			
Academia	Dr.R.Karvembu. NIT, Trichy Dr.M.Sundarajsn Alagappa University Dr.M.Veerapadra samy PESIT University, Bangalore			
Consultancy services	-			
Collaboration initiatives	-			

HoD / S&H

Principal

Programme organized

Programme Title	Date of event	Resource Person name, Designation, affiliation	Beneficiaries (Class & Strength)	Highlights (if any)
Students with Staff				
Dengue awareness camp	24.08.2017	-	1289	-
cleaning camp in Sri Vasisteshwarar Temple, Thittai	08.08.2017	-	Village people	-
Blood Donation Camp	21.04.2017	-	28	-
Free Eye Camp	06.03.2017	-	276	-
Nilavembu Concoction	11.09.2017 to 13.09.2017	-	1200 students	-
Family welfare laws	26.09.2017	-	75	-
Environmental Hygiene and Pollution Awareness	27.10.2017	Dr.V.Suresh Kumar	43	-
Youth Day 2017	11.08.2017	-	-	-
FDP	-	-	-	-
Short Term Training Programme	-	-	-	-
Workshop	-	-	-	-
Orientation Programme	-	-	-	-
Guest Lecture	-	-	-	-
National conference	-	-	-	-
International conference	-	-	-	-
National seminar	-	-	-	-
International seminar	-	-	-	-

Programme includes : Guest Lecture , Seminar, Workshop, Bridge course, Orientation programme, Refresher course, VAC, Alumni interactions, PEAK (I Yr). Extension Activities, NSS, NCC programmes etc. for students and for staff (Workshop, Seminar, FDP etc.) Mention count of participant alone for staff category programme.

Professional society activities

Name of the Professional Society	Programme Title	Date of event	Beneficiaries (Class & Strength)	Highlights (if any)
Internal				
ISTE	Staff Seminar	-	-	-
External				
-	-		-	-

Mention Number of staff participants for staff professional society activities.

Student & Staff achievements

1. In-House Training

Student Name(s) (batchwise)	Industry (name and place)	Duration (mention dates)
-	-	-

2. Internships

Student Name	Industry (name and place)	Duration (mention dates)	Internship amount offered
-	-	-	-

3. Participation in events (External / Internal)

Student Name(s)	Programme title	Organizer	Date
S.Kabilan K.Annamalai K.Karan R.Mohamed Yasin Sharij P.Enech Ebenezer R.L.Wilber Judson J.Muthu Manikanadan C.Santhosh N.Santhosh Kumar K.Premkumar	Workshop on Dismantling and Assembling of IC Engines	KCE	12.09.17

Programme includes : Workshops, Seminar

4. Awards, Prizes won (Students Attended)

Student Name(s)	Programme title	Organizer	Date	Prize details
-		-	-	-

Programme includes : Symposium and other student competitions

5. Publications
Conference

Name(s)	Name of the Conference, Date and organizer	Paper title
Dr.V.Suresh kumar	National conference on RACS – 2017 Sri Ramakrishna Institute of Technology, Coimbatore.	Evaluation of Synthesized water system Application
Dr.S.Udayakumar	National conference on RACS – 2017 Sri Ramakrishna Institute of Technology, Coimbatore.	Kinetic study of removal of Fe III from aqueous solution by Acid Activated Negundo Stem
Dr. AL.Kavitha	International conference on ICAMST 2017, Center for crystal Growth, VIT University, Vellore at October 9-11.	Synthesis and Characterization of Iron oxide-Chitosan Nano composite

Journal

Name(s)	Paper title	Journal details
Dr.AL.Kavitha	Low cost of Chitosan Composite Carbon paste modified electrode using Glucose biosensor	Journalof Bionanoscience,Vol:11,June 2017,211-216.
Dr.P.Saravanan	GC-MS analysis of ....Lantana camara linn	International Journal of Current research in chemistry and Pharmaceutical Sciences,ISSN 2348 5221,Vol.4 Issue 11,Nov2017.
Mrs.P.Vijayakumari	Greensynthesis and.........Antimicrobial activity	International Journal of advanced research, ideas and innovations in Technology,ISSN2454 132X, Vol3, Issue 6, Nov'2017.
Mr.A.Anbazhagan	Preparation and application of Nano Composites a review.	International journal for scientific research and development (IJSRD),ISSN 2321-0613,Vol.5 Issue 9 ,Nov2017.
Mrs.S.Revathi	Triple Connected Equitable domination in Fuzzy Graphs.	International journal for scientific research and development(IJSRD) ISSN 2321 0613, Vol. 5, issue 9, Nov2017.
Mrs.S.Revathi	Neighbourhood connected Equitable domination in Fuzzy graphs.	International Journal of Computational and Applied Mathematics ISSN 1819 – 4966 Vol. 12(1), June 2017.
Mr.G.Jeyakrishnan	More on the Diophantine equation.	International Journal of current research and modern education ISSN2455-5428,Spl. Issue,July2017.
Mrs.N.Latha	Mathematical model in prevention of cancer.	International Journal of current research and modern education, ISSN2455-5428,Spl. issue,July2017.
Dr.V.Kumaran	Management up gradation in literary exaltation.	International Journal for Research of Arts and Humanities (IJRAH),ISSN 2456 3145,Vol.2 Issue 2, 2017

Mr.J.Radha krishnan	Strategies for effective Teaching to Language Learners	International Journal for Research of Arts and Humanities (IJRAH), ISSN 2456 3145,Vol.2 Issue 2, 2017.
Mr.K.Albert Lawrence	It's effects in learning English as second language in class room	Internation journal of Engineering Research andModern Education,ISSN 2455-4200,Vol. 2 Issue 2, 2017.
Mr.R.Suresh	IMRA	International Journal Research and Development (IJRD) ISSN 2321 0613,Vol.5 Issue 9, Nov2017
Mrs.G.Ramya Arockiamary	Mathematical model for plasma ……..by using gamma distribution.	International journal for scientific research and development(IJSRD), ISSN 2321 0613, Vol. 5, issue 9, Nov2017
Mr.G.Shankara kalidoss	On Homogeneous Diophantine Equation.	International journal for scientific research and development(IJSRD), ISSN 2321 0613 Vol. 5, issue 9, Nov2017.
Dr.AL.Kavitha	Book of Environmental Science and Engineering	Jeyalakshmi publications, ISBN – 978-93-86712-03-5, Oct 2017.

Provide publication details of staff and students

- Mention Student name and class – for students
- Staff name alone – for faculty.

6. Project awards(Students and staffs)

Name(s)	Project title	Event name and organizer	Prize detail
-	--	-	-
-	-	-	-

7. Proposals submitted (Staff & Students)

Applicant name	Proposal details	Funding agency	Amount sought	Period of submission	Status
Dr.AL.Kavitha, Dr.V.Suresh Kumar	Economical Development of IR Coatings in Asbestos sheet	INSA	11,16,000 /-	22.11.17	Awaiting response

Mention student name and class for student category

8. VIP visits

Guest Name, Designation, Affiliation	Programme visited & Date	Highlights
Hon.A.Robinson George, Secretary/Subordinate Judge, District legeal service authority, Pudukkottai.	Family Welfare Laws, 26.09.2017	To create awareness about Family welfare among the students

9. Institutional contribution (Staff and students)
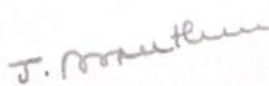
Name	Details of responsibility held	Impact created
Dr.V.Suresh Kumar	(i) HoD / S & H (ii) Discipline Committee Convener	Monitoring the staff, students and solve the any issues
Dr.P.Saravanan	Deputy CCE	conducted the all exams
Dr.AL.Kavitha	(i) Parent Communication Co-ordinator	Assessment, fees structure, PTA, Less than 75% Attendance communicated to the parents
	(ii) PTA SECRETARY	After university results – PTA meeting conducted
	(iii) SCC Co-ordinator	As per schedule daily prayer conducted & report submitted to the principal
Mrs.T.Gnanajeya	Gate & Competitive Exams Convener	Monitoring, conducted Awareness, Talk about Gate
Dr.R.Suresh	Deputy CCE	conducted the all exams
G.Ramya Arockiamary	DRC Member	Awareness to present papers in conferences
G.Shankarakalidoss	Discipline Committee Co-Convener	Monitoring the students
G.Jeyakrishnan	IQAC Member	Supporting to IQAC Activities
N.Latha	GRC Convener	Create a powerful atmosphere among students
S.Ambalatharasu P.Rajeshwaran	NSS Programme officer Unit – II NSS Programme officer Unit - I	Created awareness in all aspects
Dr.V.Kumaran	Deputy warden (Hostel)	Academic and Discipline progressives are emphasized through action
K.Albert Lawrence	YRC, RRC, CCC, Coordinator	Conducted awareness programmes
J.Radhakrishnan	FAA -President	Supported students in extracurricular activities.

Mention student name and class for student category

Note:

Mention any other relevant activities of the department not included above.

HoD / S & H   Principal

INTERNAL QUALITY ASSURANCE CELL
DEPARTMENWISE PROGRAMME & ACHIEVEMENTS 4 YEARS COMPARITIVE STATEMENT (2017-18, 2018-19, 2019-20, 2020-21)

PROGRAMME ORGANIZED	CIVIL				CSE				ECE				EEE				MECH				S&H			
	17-18	18-19	19-20	20-21	17-18	18-19	19-20	20-21	17-18	18-19	19-20	20-21	17-18	18-19	19-20	20-21	17-18	18-19	19-20	20-21	17-18	18-19	19-20	20-21
Orientation Programme	-	-	2	6	2	2	3	3	3	4	4	2	1	-	1	-	-	-	1	4	1	1	1	2
Bridge Course	-	-	-	3	2	3	2	3	3	8	1		-	1	1		1	1	-		-	-	-	1
Guest Lecture	3	4	5	-	4	4	3	2	1	2	5		2	2	1	4	4	3	2	6	-	1	-	2
Refresher Course	-	-	-		-	-	1	4*	-	1	1		-	1	1		-	-	1		-	-		
Value added course	-	-	1	1	-	-	1	1	-	2	1	1	-	1	1	1	-	-	1	1	-	1	1	1
Workshop	2	1	-	1	6	6	4	5	5	5	4		3	3	2	1	3	3	2		-	1	1	4
Seminar	-	1	3		-	-	5	1	1	-	14	11	3	2	3	5	3	2	-	4	-	1	-	8
Symposium	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	-	-	
Conference	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	-	1	-	1
Spoken Tutorial	3	3	6	6	6	3	6	6	3	3	3	6	2	6	3	6	3	1	1	6	-	-	-	
Alumni Interactions	2	3	3	1	2	6	2	7	1	5	3	7	1	2	2	4	1	6	1	1	-	-	-	-
Professional Society Activities	-	-	2		5	8	4	6	-	8	6	3	3	5	2	2	2	2	2	4	-	-	-	
My Credit Course(MCC)	104	109	55	87	68	104	38	102	44	96	53	123	28	48	11	15	120	118	88	100	-	-	-	
Intra Dept. Paper presentation	-	1	1	1	3	1	3		3	2	1	1	1	-	-		-	2	-		-	2	1	1
Mini-Project Expo	-	-	1		-	-	-		1	1	2	1	1	1	1		-	-	1		-	1	1	
Project Expo	1	1	1		1	1	1		1	1	-	1	1	1	-	1	1	1	-	1	-	-	-	1
Career Guidance PGM.	-	-	1		-	1	1	1	1	-	1	1	-	-	-				-	1	-	-	-	
Higher Studies guidance programme	-	-	-		-	1	1	1	-	1	-	1	-	-	-		-	-	-	1	-	-	-	

STUDENTS EXTERNAL PROGRAM PARTICIPATION	CIVIL				CSE				ECE				EEE				MECH				S&H			
	17-18	18-19	19-20	20-21	17-18	18-19	19-20	20-21	17-18	18-19	19-20	20-21	17-18	18-19	19-20	20-21	17-18	18-19	19-20	20-21	17-18	18-19	19-20	20-21
Workshop	75	1	4	4	23	43	30	328	35	168	118	20	7	19	40	10	-	5	1	5	-	17	-	5
Seminar	-	19	-	35	-	0		925	5	0	350	50	5	0	5	20	-	0	0	20	-	0	-	2
Symposium (Paper Presentation)	-	2	4	8	24	24	4	85	15	7	05		10	4	2	5	-	3	2		-	4	10	5
Symposium (other Technical Events)	21	12	5	8	7	7	13		7	0	14		5	10	-	29	2	2	2	2	-	4	5	10
National Conference (Paper Publication)	100	61	-	4	36	24	19	92	-	76	42	30	7	18	3	2	-	21	2	17	-	0	-	
International Conference (Paper publication)	-	48	-	06	-	36	29	37	38	22	15	13	-	3	1	2	-	3	0		-	0	-	3
Journal Publication	3	78	-		-	34	2	37	-	13	06	3	-	12	1	3	-	5	2		-	0	-	
Project Contest	-	1	-		-	0	25	1	07	1	50	42	-	0	-	4	-	0	0	17	-	0	-	
Awards	-	0	-	1	05	1	4	1	07	19	11		3	3	2		-	0	0	1	-	10	-	
SMART INDIA HACKATHON				1				11				2								1				
IN-HOUSE Training	-	109	55		34	55	38		-	58	52	17	48	12	-		118	88	-	68	-	-	-	
Internship	-	-	1	39	-	-	-	45	43	31		50	-	0	4	15	-	-	-		-	-	-	

STAFF ENRICHMENT & ACCOMPLISHMENTS	CIVIL				CSE				ECE				EEE				MECH				S&H			
	17-18	18-19	19-20	20-21	17-18	18-19	19-20	20-21	17-18	18-19	19-20	20-21	17-18	18-19	19-20	20-21	17-18	18-19	19-20	20-21	17-18	18-19	19-20	20-21
FDP (AU / Other universities)		5	1	28		3		51		4	56	60			6	5		3	2	15		1	5	15
FDP (Internal)		4			4	17	13	10								8			-			2		2
Workshop (External)	7	5	7	2	7	4	3	33	30	10	35	6		2	2	4		4	2					6
Workshop (Internal)		11	3			3	13			31	164			3	11				-				4	1
Seminar(External)		5	764	56		5	2	437	6	2	849	130		2	13	10			25	2				2
Seminar(Internal)		3	20		2				1		130	0		1		10			-	1		3		4
STTP / SDP		2	16	21		2	16	5		20	28	6			2	3			-	15		3	3	7
FVFS		11				13	13		18		18			11	10	8		20	13	12		18	16	14
National Conference (Paper Publication)	9	7		2	7	3	8	10		36	24	15	10	14	1	2		8	-	19	3	37		7
International Conference (Paper publication)	11	4		3	1	6	10	10	22	15	8	5	3	3	1	2	1	4	4	2	1	5	5	7
Journal Publication	8	11		1	14	15	1	10	3	9	3	10	7	8	1	3	20	3	4	6	15	2	5	8
Awards		1							1	3						0			-	1		3		
Ph.D Completion / Enrolment		-				2				1				1	1				1		1	1+1		3
Research Proposals		1				1	16	3	6	2	3	2		1	2	1			1	1		2	1	
Other proposals (Programmes)		3	1	1	8	9		3	6	2	13	3	2	1	1		1		-		1			2
SWAYAM COURSES		14		9		14	13	9		10	30	35				12				12			1	1
NITTR QIP		8	13	10		35	30	16		38	56	14		13	26	9				12		3	1	4
ATAL COURES				17				8				19				4				12				

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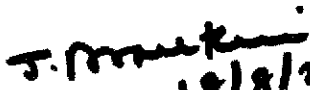
INTERNAL QUALITY ASSURANCE CELL
DEPARTMENWISE PROGRAMME & ACHIEVEMENTS 2020-21

PROGRAMME ORGANIZED	CIVIL	CSE	ECE	EEE	MECH	S&H	TOTAL
	2020-21	2020-21	2020-21	2020-21	2020-21	2020-21	**2020-21**
Orientation Programme	6	3	2	-	4	2	**17**
Bridge Course	3	3	-	-	-	1	**7**
Guest Lecture	-	2	-	4	6	2	**14**
Refresher Course	-	4	-	-	-	-	**4**
Value added course	1	1	1	1	1	1	**6**
Workshop	1	5	-	1	-	4	**11**
Seminar	-	1	11	5	4	8	**29**
Symposium	1	1	1	1	1		**5**
Conference	1	1	1	1	1	1	**6**
Spoken Tutorial	6	6	6	6	6	-	**30**
Alumni Interactions	1	7	7	4	1	-	**20**
Professional Society Activities	-	6	3	2	4	-	**15**
My Credit Course(MCC)	87	102	123	15	100	-	**427**
Intra Dept. Paper presentation	1	-	1	-	-	1	**3**
Mini-Project Expo	-	-	1	-	-	-	**1**
Project Expo	-	-	1	1	1	1	**4**
Career Guidance PGM	-	1	1	-	1	-	**3**
Higher Studies guidance programme	-	1	1	-	1	-	**3**

EXTERNAL PGM. CATEGORY	DEPARTMENTS						TOTAL
	CIVIL	CSE	ECE	EEE	MECH	S&H	TOTAL
	2020-21	2020-21	2020-21	2020-21	2020-21	2020-21	2020-21
Workshop	4	328	20	10	5	5	372
Seminar	35	925	50	20	20	2	1052
Symposium (Paper Presentation)	8	85	-	5	-	5	103
Symposium (other Technical Events)	8	-	-	29	2	10	49
National Conference (Paper Publication)	04	92	30	2	17	0	145
International Conference (Paper publication)	06	37	13	2	0	3	61
Journal Publication	-	37	3	3	-	-	43
Project Contest	-	1	42	4	17	-	64
Awards	1	1	-	-	-	1	3
IN-HOUSE Training	-	-	17	-	68	-	85
Internship	39	45	50	15	0	0	149

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STAFF ENRICHMENT & ACCOMPLISHMENTS	DEPARTMENTS						
	CIVIL	CSE	ECE	EEE	MECH	S&H	TOTAL
	2020-21	2020-21	2020-21	2020-21	2020-21	2020-21	2020-21
FDP (AU / Other universities)	28	51	60	5	15	15	174
FDP (Internal)	-	10	-	8	-	2	20
Workshop (External)	2	33	6	4	-	6	51
Workshop (Internal)	-	-	-	-	-	1	1
Seminar(External)	56	437	130	10	2	2	637
Seminar(Internal)	-	-	-	10	1	4	15
STTP / SDP	21	5	6	3	15	7	57
FVFS	-	-	-	8	12	14	34
National Conference (Paper Publication)	2	10	10	2	19	7	50
International Conference (Paper publication)	3	10	05	2	2	7	29
Journal Publication	1	10	10	3	6	8	38
Awards	-	-	-	-	1	-	1
Ph.D Completion / Enrolment	-	-	-	-	-	3	3
Research Proposals	-	3	2	1	1	-	7
Other proposals (Programmes)	1	3	3	-	-	2	9
SWAYAM COURSES	9	9	35	12	12	1	78
NITTR QIP	10	16	14	9	12	4	65
ATAL COURES	17	8	19	4	12	-	60

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INTERNAL QUALITY ASSURANCE CELL
DEPARTMENWISE PROGRAMME & ACHIEVEMENTS 2019-20

PROGRAMME ORGANIZED	CIVIL	CSE	ECE	EEE	MECH	S&H	TOTAL
	2019-20	2019-20	2019-20	2019-20	2019-20	2019-20	**2019-20**
Orientation Programme	2	3	4	1	1	1	**12**
Bridge Course	-	2	1	1	-	-	**4**
Guest Lecture	5	3	5	1	2	-	**16**
Refresher Course	-	1	1	1	1	-	**4**
Value added course	1	1	1	1	1	1*	**6**
Workshop	-	4	4	2	2	1	**13**
Seminar	3	5	14	3	-	-	**25**
Symposium	1	1	1	1	1	-	**5**
Conference	-	1	1	1	-	-	**3**
Spoken Tutorial	6	6	3	3	1	-	**19**
Alumni Interactions	3	6	3	2	1	-	**15**
Professional Society Activities	2	4	6	2	2	-	**16**
My Credit Course(MCC)	55	38	53	11	88	-	**234**
Intra Dept. Paper presentation	1	3	1	-	-	1	**6**
Mini-Project Expo	1	-	2	1	1	1	**6**
Project Expo	1	1	1	1	-	-	**4**
Career Guidance PGM	1	1	1	-	-	-	**3**
Higher Studies guidance programme	-	1	-	-	-	-	**1**

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EXTERNAL PGM. CATEGORY	DEPARTMENTS						
	CIVIL	CSE	ECE	EEE	MECH	S&H	TOTAL
	2019-20	2019-20	2019-20	2019-20	2019-20	2019-20	2019-20
Workshop	4	30	118	40	1	-	**193**
Seminar	-	-	350	5	-	-	**355**
Symposium (Paper Presentation)	4	4	5	2	2	10	**27**
Symposium (other Technical Events)	5	13	14	-	2	5	**39**
National Conference (Paper Publication)	-	19	42	3	2	-	**66**
International Conference (Paper publication)	-	29	15	1	-	-	**45**
Journal Publication	-	2	6	1	2	-	**11**
Project Contest	-	25	50	-	-	-	**75**
Awards	-	4	11	2	-	-	**17**
IN-HOUSE Training	55	38	52	-	-	-	**145**
Internship	1	-	-	4	-	-	**5**

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STAFF ENRICHMENT & ACCOMPLISHMENTS	DEPARTMENTS						TOTAL
	CIVIL	CSE	ECE	EEE	MECH	S&H	
	2019-20	2019-20	2019-20	2019-20	2019-20	2019-20	2019-20
FDP (AU / Other universities)	1	-	56	6	2	5	70
FDP (Internal)	-	13	-	-	-	-	13
Workshop (External)	7	3	35	2	2	-	49
Workshop (Internal)	3	13	164	11	0	4	195
Seminar(External)	764	2	849	13	25	-	1653
Seminar(Internal)	20	-	130	-	-	-	150
STTP / SDP	16	16	28	2	-	3	65
FVFS	0	13	18	10	13	16	70
National Conference (Paper Publication)	-	8	24	1	-	-	33
International Conference (Paper publication)	-	10	8	1	4	5	28
Journal Publication	-	1	3	1	4	5	14
Ph.D Completion / Enrolment	-	-	-	1	1	-	2
Research Proposals	-	16	3	2	1	1	23
Other proposals (Programmes)	1	-	13	1	-	-	15
SWAYAM COURSES	-	13	30	-	-	1	44
NITTR QIP	13	30	56	26	-	1	126

KC علاقات 18/6/20
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INTERNAL QUALITY ASSURANCE CELL
DEPARTMENWISE PROGRAMME & ACHIEVEMENTS 18-19

PROGRAMME ORGANIZED	CIVIL	CSE	ECE	EEE	MECH	S&H	TOTAL
	2018-19	2018-19	2018-19	2018-19	2018-19	2018-19	**2018-19**
Orientation Programme	-	2	4	-	-	1	7
Bridge Course	-	3	8	1	1	-	13
Guest Lecture	4	4	2	2	3	1	16
Refresher Course	-	-	1	1	-	-	2
Value added course	-	-	2	1	-	1*	4
Workshop	1	6	5	3	3	1	19
Seminar	1	-	-	2	2	1	6
Symposium	1	1	1	1	1	-	5
Conference	1	1	1	1	1	1	6
Spoken Tutorial	3	6	3	6	1	-	19
Alumni Interactions	3	5	5	2	6	-	21
Professional Society Activities	-	8	8	5	2	-	23
My Credit Course(MCC)	109	104	96	48	118	-	475
Intra Dept. Paper presentation	1	1	2	-	2	2	8
Mini-Project Expo	-	-	1	1	-	1	3
Project Expo	1	1	1	1	1	-	5
Career Guidance PGM	-	1	-	-	-	-	1
Higher Studies guidance programme	-	1	1	-	-	-	2

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EXTERNAL PGM. CATEGORY	DEPARTMENTS						TOTAL
	CIVIL	CSE	ECE	EEE	MECH	S&H	
	2018-19	2018-19	2018-19	2018-19	2018-19	2018-19	2018-19
Workshop	1	43	168	19	5	17	253
Seminar	19	-	-	-	-	-	19
Symposium (Paper Presentation)	2	24	7	4	3	4	44
Symposium (other Technical Events)	12	7	-	10	2	4	35
National Conference (Paper Publication)	61	24	76	18	21	-	200
International Conference (Paper publication)	48	36	22	3	3	-	112
Journal Publication	78	34	13	12	5	-	142
Project Contest	1	-	1	-	-	-	02
Awards	-	1	19	3	-	10	33
IN-HOUSE Training	109	55	58	12	88	-	322
Internship	-	-	31	-	-	-	31

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STAFF ENRICHMENT & ACCOMPLISHMENTS	DEPARTMENTS						TOTAL
	CIVIL	CSE	ECE	EEE	MECH	S&H	
	2018-19	2018-19	2018-19	2018-19	2018-19	2018-19	2018-19
FDP (AU / Other universities)	5	3	4	-	3	1	16
FDP (Internal)	4	17	-	-	-	2	23
Workshop (External)	5	4	10	2	4	-	25
Workshop (Internal)	11	3	31	3	-	-	48
Seminar(External)	4	5	2	2	-	-	13
Seminar(Internal)	3	-	-	1	-	3	7
STTP / SDP	2	2	20	-	-	3	27
FVFS	11	13	18	11	20	18	91
National Conference (Paper Publication)	7	3	36	14	8	37	105
International Conference (Paper publication)	4	6	15	3	4	5	37
Journal Publication	11	15	9	8	3	2	48
Awards	1	-	1	-	-	3	5
Ph.D Completion / Enrolment	-	2	1	1	-	2	6
Research Proposals	1	1	2	1	-	2	7
Other proposals (Programmes)	3	9	2	1	-	-	15
SWAYAM COURSES	14	14	10	-	-	-	38
NITTR QIP	8	35	38	13	-	3	97

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PROGRAMME ORGANIZED	CIVIL	CSE	ECE	EEE	MECH	S&H	TOTAL
	2017-18	2017-18	2017-18	2017-18	2017-18	2017-18	**2017-18**
Orientation Programme	-	2	3	1	-	1	7
Bridge Course	-	2	3	-	1	-	6
Guest Lecture	3	4	1	2	4	1	15
Workshop	2	6	5	3	3	-	19
Seminar	-	-	1	3	3	-	7
Symposium	1	1	1	1	1	-	5
Conference	1	1	1	1	1	-	5
Spoken Tutorial	3	6	3	2	3	-	17
Alumni Interactions	2	2	1	2	1	-	8
Professional Society Activities	-	5	-	3	2	-	10
My Credit Course(MCC)	104	68	44	28	120	-	364
Intra Dept. Paper presentation	-	3	3	1	-	-	7
Mini-Project Expo	-	-	1	1	-	-	2
Project Expo	1	1	1	1	1	-	5
Career Guidance PGM	-	-	1	-	-	-	1

EXTERNAL PGM. CATEGORY	DEPARTMENTS						
	CIVIL	CSE	ECE	EEE	MECH	S&H	TOTAL
	2017-18	2017-18	2017-18	2017-18	2017-18	2017-18	2017-18
Workshop	75	23	35	7	-	-	140
Seminar	-	-	5	5	-	-	10
Symposium (Paper Presentation)	-	24	15	10	-	-	50
Symposium (other Technical Events)	21	7	7	5	2	-	42
National Conference (Paper Publication)	100	36	-	7	-	-	143
International Conference (Paper publication)	-	-	38	-	-	-	38
Journal Publication	3	-	-	-	-	-	3
Project Contest	-	-	07	-	-	-	7
Awards	-	05	07	3	-	-	15
IN-HOUSE Training	-	34	-	48	118	-	200
Internship	-	-	43	-	-	-	43

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STAFF ENRICHMENT & ACCOMPLISHMENTS	DEPARTMENTS						TOTAL
	CIVIL	CSE	ECE	EEE	MECH	S&H	
	2017-18	2017-18	2017-18	2017-18	2017-18	2017-18	**2017-18**
FDP (Internal)	-	4	-	-	-	-	**4**
Workshop (External)	7	7	30	-	-	-	**44**
Seminar(External)	-	-	6	-	-	-	**6**
Seminar(Internal)	-	2	1	-	-	-	**3**
FVFS	-	-	18	-	-	-	**18**
National Conference (Paper Publication)	9	7	-	10	-	3	**29**
International Conference (Paper publication)	11	1	22	3	1	1	**39**
Journal Publication	8	14	3	7	20	15	**67**
Awards	-	-	1	-	-	-	**1**
Ph.D Completion / Enrolment	-	-	-	-	-	1	**1**
Research Proposals	-	-	6	-	-	-	**6**
Other proposals (Programmes)	-	8	6	2	1	1	**18**

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PRACTICE II – ENRICHED TEACHING-LEARNING APPROACH

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6.5.1 CUSTOM DESIGNED VALUE ADDED COURSES APPROVED BY ANNA UNIVERSITY
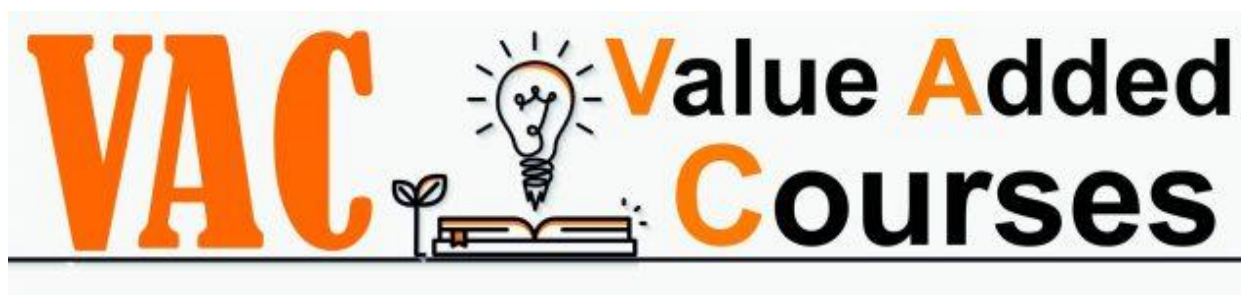
INDEX

S.NO	DEPARTMENT	COURSE NAME	PAGE NO
1	Department of Civil Engineering	CVA001 - Construction Technology	2
2	Department of Electrical and Electronics Engineering	EVA002 - Advances in Solar Energy Technologies	4
3	Department of Mechanical Engineering	MVA010 - Energy Resources and Management	7
4	Department of Computer Science Engineering	IVA005 - VB .NET	8
5	Department of Electronics and Communication Engineering	IVA019 - Real Time Electronic system design	8

AFFILIATED INSTITUTIONS

FACULTY OF CIVIL ENGINEERING

APPROVED LIST OF VALUE ADDED COURSES

Sl. No	Code	Subject name	L	T	P	C
1.	CVA001	Construction Technology	2	0	0	2
2.	CVA002	Integrated Structural Engineering of Building Structures				1
3.	CVA003	Computational Fluid Dynamics	1	0	0	1
4.	CVA004	AUTOCAD	1	0	2	2
5.	CVA005	Structural Analysis and Design	1	0	2	2
6.	CVA006	Civil Engineering Drawing and Bar Bending Schedule	2	0	0	2
7.	CVA007	Project Planning and Management	1	0	2	2
8.	CVA008	Interior Decoration	1	0	0	1
9.	CVA009	Vaasthu and Building Plan	1	0	0	1
10.	CVA010	3D's MAX	2	0	0	2
11.	CVA011	STAAD Pro Design Software	1	0	0	1
12.	CVA012	STAAD Pro V8i	1	0	2	2
13.	CVA013	STAAD Pro V8i Series 4	1	0	2	2
14.	CVA014	Primavera (P6) Project Management	1	0	0	1
15.	CVA015	Safety Aspects in Construction	2	0	0	2
16.	CVA016	3D Building Design Using Revit Architecture	2	0	0	2
17.	CVA017	Computer Applications in Civil Engineering	2	0	0	2
18.	CVA018	Industrial Waste Management	2	0	0	2
19.	CVA019	Professional Practices in Civil Engineering Construction	2	0	0	2
20.	CVA020	3D Printing Technology for Civil Engineering	1	0	0	1
21.	CVA021	Building Modeling Using 3D Revit Architecture	2	0	0	2
22.	CVA022	Project Scheduling with Primavera P6	2	0	0	2
23.	CVA023	E Tabs Software	0	0	2	1
24.	CVA024	Geospatial Mapping	0	0	2	1
25.	CVA025	Modern Equipments and Its Applications	2	0	0	2

26.	CVA026	Advanced Field Surveying	0	0	2	1
27.	CVA027	Model Generation and Static Analysis of Structures	0	0	2	1
28.	CVA028	Recent Trends in Design and Detailing of Structures	0	0	2	1
29.	CVA029	Design and Systematic Analysis of Civil Structures	2	0	0	2
30.	CVA030	Building Information Modeling and MS Project	2	0	0	2
31.	CVA031	Fire Protection, Services and Maintenance Management of Building	2	0	0	2

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DIRECTOR
CENTRE FOR ACADEMIC COURSES
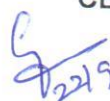
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AFFILIATED INSTITUTIONS

FACULTY OF ELECTRICAL ENGINEERING

APPROVED LIST OF VALUE ADDED COURSES

Sl.No.	Subject Code	Subject Name	L	T	P	C
1.	EVA001	Solar Photovoltaic System Design	2	0	0	2
2.	EVA002	Advances in Solar Energy Technologies	2	0	0	2
3.	EVA003	Arduino Programming	1	0	0	1
4.	EVA004	Material Detection and Inspection Technology	1	0	2	2
5.	EVA005	Industrial Automation with PLC	0	0	2	1
6.	EVA006	Industrial Process Control and Instrumentation	0	0	2	1
7.	EVA007	Energy Conservation, Management and Audit	1	0	0	1
8.	EVA008	Field Oriented Control of BLDC, Induction and Synchronous Motors	1	0	0	1
9.	EVA009	Industrial Automation using PLC & SCADA	1	0	2	2
10.	EVA010	LabVIEW Core -1 and Core - 2 levels with Certified LabVIEW Developer (CLAD) Certification Training	2	0	0	2
11.	EVA011	Solar Photovoltaic Technology	2	0	0	2
12.	EVA012	Measurements in Process Industries	1	0	0	1
13.	EVA013	Automation and Control	0	0	2	1
14.	EVA014	ECAD	0	0	2	1
15.	EVA015	SCADA	0	0	2	1
16.	EVA016	Electric and Hybrid Vehicles	2	0	0	2
17.	EVA017	Programmable Logic Controller	1	0	0	1
18.	EVA018	Factory Automation	1	0	0	1
19.	EVA019	MATLAB and SIMULINK for Electrical Engineers	2	0	0	2
20.	EVA020	Electrical Machine Design	0	0	2	1
21.	EVA021	Abstract for Industrial Internet of Things with Real Time Data Logging	1	0	0	1

22.	EVA022	Industrial and Home Automation	2	0	0	2
23.	EVA023	Supervised Machine Learning for Image Classification	2	0	0	2
24.	EVA024	Fuzzy Logic System and Applications	2	0	0	2
25.	EVA025	Electronic Design Automation & PCB Designing by using ORCAD	2	0	0	2
26.	EVA026	Solar Power Design, Operation and Installation	2	0	0	2
27.	EVA027	Sensor Applications using Arduino and Raspberry Pi	2	0	0	2
28.	EVA028	Solar PV System Design and Installation	2	0	0	2
29.	EVA029	Design and Development of Robotics	2	0	0	2
30.	EVA030	Embedded Laboratory	0	0	2	1
31.	EVA031	Graphical Programming Using Labview	1	0	2	2
32.	EVA032	VERILOG HDL	2	0	0	2
33.	EVA033	Electric Vehicles	2	0	0	2
34.	EVA034	Product Design and Development in Power Electronics and Embedded Systems	2	0	0	2
35.	EVA035	Trends in Smart Grid	1	0	0	1
36.	EVA036	Arduino Programming and Interfacing	0	0	2	1

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CENTRE FOR ACADEMIC COURSES

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VALUE ADDED COURSES

AFFILIATED INSTITUTIONS

FACULTY OF MANAGEMENT SCIENCES

S.No	CODE ALLOTTED	TITLE	CREDITS
1.	MSVA001	Social Media Marketing	1 0 0 1
2.	MSVA002	Business Plan and Entrepreneurial Ventures	1 0 0 1
3.	MSVA003	Fundamentals in Banking & Insurance	2 0 0 2

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AFFILIATED INSTITUTIONS

FACULTY OF MECHANICAL ENGINEERING

LIST OF VALUE ADDED COURSES

SL. NO.	CODE ALLOTTED	TITLE	CREDITS
1.	MVA001	Small Unmanned Aerial Vehicle (sUAV) - Drone	2 credit
2.	MVA002	3D Printing	2 credit
3.	MVA003	Elements of Automation and Process Control	1 credit
4.	MVA004	Geometric Dimensioning and Tolerancing	2 credit
5.	MVA005	Smart Materials and Structures	2 credit
6.	MVA006	Green Energy Technologies and Management	2 credit
7.	MVA007	Automation Suite for Smart Systems	2 credit
8.	MVA008	Internet of Things Applications in Mechanical Engineering	1 credit
9.	MVA009	Surface Coating Technology	2 credit
10.	MVA010	Energy Resources and Management	2 0 0 2
11.	MVA011	Modeling for Design Engineers	2 0 0 2
12.	MVA012	Basic Concept of HVAC Designing and Drafting	2 0 0 2
13.	MVA013	Robotics Process Automation	2 0 0 2
14.	MVA014	Welding and Inspection Techniques	2 0 0 2
15.	MVA015	Modern Trends in Refrigeration and Air Conditioning	2 0 0 2
16.	MVA016	Finite Element Meshing Techniques	2 0 0 2
17.	MVA017	Nanoscience and Technology	2 0 0 2
18.	MVA018	Plant Design Management System	2 0 0 2
19.	MVA019	Technology for Energy Storage	2 0 0 2
20.	MVA020	Modeling Practice for Automotive Assemblies	2 0 0 2
21.	MVA021	Modeling and Machining Practice for CNC Machines	2 0 0 2

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AFFILIATED INSTITUTIONS
FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING
LIST OF VALUE ADDED COURSES

S. NO	CODE ALLOTTED	COURSE TITLE	L	T	P	C
1.	IVA001	Design Thinking	1	0	1	2
2.	IVA002	PCB Design, Embedded System Interfacing with Arduino & Robotics	1	0	1	2
3.	IVA003	Interactive Web Designing and Progressive Java	1	0	1	2
4.	IVA004	Robotics and its Applications	1	0	1	2
5.	IVA005	VB.NET	1	0	2	2
6.	IVA006	Enterprise Application Development and Deployment on Cloud using IBM Bluem`ix	0	0	2	1
7.	IVA007	Predictive Modeling using IBM SPSS Modeler	0	0	2	1
8.	IVA008	Enterprise Mobile Application Development using IBM Worklight	0	0	2	1
9.	IVA009	iOS App Development	0	0	2	1
10.	IVA010	Transfer Learning Frameworks	0	0	2	1
11.	IVA011	Data Science with Python	1	0	1	2
12.	IVA012	Internet of Things with Node MCU	0	0	2	1
13.	IVA013	Virtual Instrumentation	1	0	1	2
14.	IVA014	IC Test Engineering	1	0	1	2
15.	IVA015	Learning C	1	0	1	2
16.	IVA016	Internet of Things Using Broadcom BCM2837	1	0	1	2
17.	IVA017	PHP and MYSQL	0	0	2	1
18.	IVA018	Advanced Python and Introduction to Machine Learning	0	0	2	1
19.	IVA019	Real Time Electronics System Design	1	0	1	2
20.	IVA020	Case Study – Operating System Design	0	0	2	1
21.	IVA021	Case Study – Network Design	0	0	2	1
22.	IVA022	Electronic Circuits Making and PCB Design	0	0	2	1
23.	IVA023	Data Mining Laboratory	0	0	2	1
24.	IVA024	Multimedia Laboratory	0	0	2	1
25.	IVA025	Visual Basic Laboratory	0	0	2	1
26.	IVA026	Advanced Java Programming	1	0	1	2
27.	IVA027	Website Blog Design	0	0	2	1
28.	IVA028	Virtual Instrumentation Using Lab View	1	0	1	2
29.	IVA029	Angular J S	0	0	2	1
30.	IVA030	Simulation and Analysis of Networks Using Software (NS-2)	0	0	2	1
31.	IVA031	The Ruby Programming Language	0	0	2	1
32.	IVA032	VB.Net Programming	0	0	2	1

33.	IVA033	Networking Design and Security	0 0 2 1
34.	IVA034	Radio Frequency Circuit Design	1 0 2 2
35.	IVA035	Internet of things (IOT) Application Development	1 0 2 2
36.	IVA036	Advanced Graphical System Design and DAS Design	1 0 2 2
37.	IVA037	Lab VIEW Programming	0 0 2 1
38.	IVA038	Smart Home – Theory and Practices	1 0 2 2
39.	IVA039	Ethical Hacking	1 0 2 2
40.	IVA040	System Design Using Micro Controllers	1 0 2 2
41.	IVA041	Robotic Process Automation Using Automation Anywhere	1 0 2 2
42.	IVA042	Blockchains and Cryptocurrencies	1 0 2 2
43.	IVA043	Non Linear Electronics and Modelling	1 0 2 2
44.	IVA044	Intrusion and Anomaly Detection Systems	1 0 2 2
45.	IVA045	React Framework	0 0 2 1
46.	IVA046	Advanced Graphical System Design DAS Design using NI technology	0 0 2 1
47.	IVA047	Embedded Systems Design using PIC Controller	1 0 2 2
48.	IVA048	PCB Designing	0 0 2 1
49.	IVA049	Verilog and System Verilog	1 0 2 2
50.	IVA050	Hands-on training on LabVIEW Core1	1 0 2 2
51.	IVA051	Administrative Essentials for New Admins in Lighting Experience	1 0 2 2
52.	IVA052	Data Visualization and Machine Learning using Python	0 0 2 1
53.	IVA053	Robotics Programming	0 0 2 1
54.	IVA054	Troubleshooting and Maintenance of Home Appliances	0 0 2 1
55.	IVA055	Communication and Image Processing Using MATLAB	1 0 2 2
56.	IVA056	Big Data Statistical Analysis Using R Programming	1 0 2 2
57.	IVA057	Network Engineering – Routing and Switching	1 0 2 2
58.	IVA058	Web Application Development using ASP.NET	0 0 2 1
59.	IVA059	AWS and Azure Cloud Management	1 0 2 2
60.	IVA060	Full Stack Web Development	1 0 2 2
61.	IVA061	Embedded using Raspberry Pi	1 0 2 2
62.	IVA062	Data Science in R and Python	1 0 2 2
63.	IVA063	Mobile Phone Technology	1 0 2 2
64.	IVA064	Arduino Programming	0 0 2 1
65.	IVA065	Ethical Hacking and Network Security	1 0 2 2
66.	IVA066	Machine learning Techniques	0 0 2 1
67.	IVA067	IOT using Arduino	1 0 2 2

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CENTRE FOR ACADEMIC COURSES

AFFILIATED INSTITUTIONS

FACULTY OF TECHNOLOGY

APPROVED LIST OF VALUE ADDED COURSES

Sl.No.	Subject Code	Subject Name	L	T	P	C
1.	TVA001	Plant Design Management System (PDMS)	1	0	0	1
2.	TVA002	Advancements in Drug Designing	2	0	0	2
3.	TVA003	Cheminformatics	2	0	0	2
4.	TVA004	Apparel Production and Planning Control	2	0	0	2
5.	TVA005	3-D Weaving	2	0	0	2

FACULTY OF SCIENCE AND HUMANITIES

Sl.No.	Subject Code	Subject Name	L	T	P	C
1.	SVA001	Enhancing Employability Skills (Common to all branches)	1	0	0	1

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CENTRE FOR ACADEMIC COURSES

21/9/2020

AFFILIATED INSTITUTIONS

FACULTY OF ARCHITECTURE AND PLANNING

APPROVED LIST OF VALUE ADDED COURSE

Sl. No	Code	Subject name	L	T	P	C
1.	AVA001	Gaming Design and Development in Unity 3D	2	0	0	2

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23/9/2020
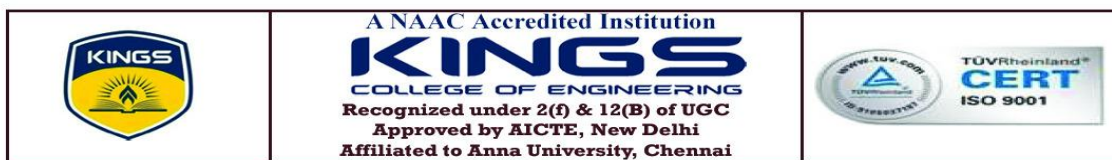
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6.5.2 SWAYAM SUMMARY REPORT

SWAYAM EXECUTION SUMMARY

S.No	Name of the Department	2018-2019		2019-2020		2020-2021	
		Students count	Staff Count	Students count	Staff Count	Students count	Staff Count
1.	CIVIL	42	11	122	18	172	29
2.	CSE	13	3	23	-	198	19
3.	ECE	05	16	104	30	244	39
4.	EEE	-	-	-	-	54	12
5.	MECH	-	-	87	11	252	19
6.	S&H	-	-	-	-	38	6
	TOTAL	60	30	336	59	958	124

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S NO	DESCRIPTION	Page No

DEPARTMENT OF CIVIL ENGINEERING

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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2020-2021 (EVEN SEMESTER)

SWAYAM COURSE SUMMARY

STUDENT COURSE DETAILS:

S.No	Class	Strength	SWAYAM Course Title	No. of students Completed the Course
1.	II CIVIL	20	Introduction to Civil Engineering Profession	8
			Safety in Construction	7
			Principles of construction management	5
2.	III CIVIL	27	Advanced Foundation Engineering	12
			Digital Land Surveying and Mapping (Dls&M)	10
			Geomorphology	5
3.	IV CIVIL	39	Development and application of special Concrete	15
			Safety in construction	16
			Geographic Information Systems	8

STAFF COURSE DETAILS:

S.No	SWAYAM Course Title	No. of staff Enrolled & Completed the Course
1.	Introduction to Civil Engineering Profession	3/13
2.	Effective Engineering Teaching in Practice	3/13
3.	Construction methods and Equipment Management	2/13
4.	Innovation by Design	2/13
5.	Maintenance and repair of concrete Structures	1/13
6.	Development and applications of special concretes	1/13
7.	Environmental remediation of Contaminated Sites	1/13

IQAC Member   **HOD/CIVIL**

4

DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2020-2021 (ODD SEMESTER)

SWAYAM COURSE SUMMARY

STUDENT COURSE DETAILS:

S.No	Class	Strength	SWAYAM Course Title	No. of students Completed the Course
1.	II CIVIL	19	Earth sciences for Civil Engineering : Part I & II	11
			GPS Surveying	8
2.	III CIVIL	28	Reinforced Concrete road bridges	12
			Project planning and control	10
			Global navigation satelite systems	6
3.	IV CIVIL	39	Advanced concrete Technology	18
			Project planning and control	12
			Design of reinforced concrete structures	9

STAFF COURSE DETAILS:

S.No	SWAYAM Course Title	No. of staff Enrolled & Completed the Course
1.	Earth sciences for Civil Engineering : Part I & II	4/16
2.	Advanced concrete Technology	4/16
3.	Reinforced Concrete road bridges	4/16
4.	GPS Surveying	2/16
5.	Project planning and control	2/16

IQAC Member   **HOD/CIVIL**

DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2019-2020 (EVEN SEMESTER)

SWAYAM COURSE SUMMARY

STUDENT COURSE DETAILS:

S.No	Class	Strength	SWAYAM Course Title	No. of students Completed the Course
1.	II CIVIL	28	Introduction to Civil Engineering Profession	12
			Safety in Construction	16
2.	III CIVIL	38	Project planning and control	20
			Global navigation satellite systems	18
3.	IV CIVIL	56	Development and application of special Concrete	21
			Advanced Foundation Engineering	18
			Safety in Construction	17

STAFF COURSE DETAILS:

S.No	SWAYAM Course Title	No. of staff Enrolled & Completed the Course
1.	Safety in Construction	4/18
2.	Project planning and control	4/18
3.	Global navigation satellite systems	3/18
4.	Advanced Foundation Engineering	4/18
5.	Development and applications of special concretes	1/18
6.	Introduction to Civil Engineering Profession	1/18
7.	GPS Surveying	1/18

IQAC Member   **HOD/CIVIL**

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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD SEMESTER)

SWAYAM COURSE SUMMARY

STUDENT COURSE DETAILS:

S.No	Class	Strength	SWAYAM Course Title	No. of students Completed the Course
1.	II CIVIL	42	GPS Surveying	11
			Earth sciences for Civil Engineering : Part I & II	12
			Advanced Concrete Technology	10
			Reinforced Concrete road bridges	9

STAFF COURSE DETAILS:

S.No	SWAYAM Course Title	No. of staff Enrolled & Completed the Course
1.	Earth sciences for Civil Engineering : Part I & II	4/11
2.	Advanced concrete Technology	3/11
3.	Reinforced Concrete road bridges	2/11
4.	GPS Surveying	2/11

IQAC Member

HOD/CIVIL

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2020-2021 (EVEN SEMESTER)

SWAYAM EXECUTION STATUS

SWAYAM- Students Detail

S.No	Class	SWAYAM Course Title	No. of students Completed the Course
4.	II CSE	Introduction to Cyber Security	36 /49
5.	III CSE	Introduction to Cyber Security	27/40
6.		Introduction to Internet of Things	01
7.	IV CSE	Introduction to Cyber Security	41/44

SWAYAM- Staff Details

S.No	SWAYAM Course Title	No. of staff Enrolled & Completed the Course	No. of staff Attended Exam & received Certificate
8.	Python for Data Science	7/13	3/13
9.	C Programming and Assembly Language	1/13	NIL
10.	Introduction to Cyber Security	2 /13	NIL
11.	Data Mining	1/13	NIL

Department IQAC Member

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2020-2021 (ODD SEMESTER)

SWAYAM- Students Detail

S.No	Class	SWAYAM Course Title	No. of students Completed the Course
1.	III CSE	Python for Data Science	28 / 44
2.	III CSE	Computer Graphics	17 / 44
3.	III CSE	Robotics	2 / 44
4.	II CSE	Programming in C++	42 / 49
5.	II CSE	Programming in JAVA	3 / 49
6.	II CSE	Advanced C++	1/49

SWAYAM- Staff Details

S.No	SWAYAM Course Title	No. of staff Enrolled the Course	No. of staff Completed the Course
1.	ICT in Teaching and Learning	6/13	6
2.	Integrating Educational Technology into Teaching	1/13	1
3.	Computer Architecture and Organization	1 /13	1

Department IQAC Member   **HOD/CSE**

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2019-2020 (EVEN SEMESTER)

SWAYAM- Students Detail

S.No	Class	SWAYAM Course Title	No. of students Completed the Course
1.	IV CSE	Python for Data Science	20 /39

Department IQAC Member   **HOD/CSE**

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2019-2020 (ODD SEMESTER)

SWAYAM- Staff Details

S.No	SWAYAM Course Title	No. of staff Enrolled the Course	No. of staff Completed the Course
1.	Components and Applications of IoT	2 / 13	2 / 13
2.	Theory of Computation	1 / 13	1 / 13

Department IQAC Member   **HOD/CSE**

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2018-2019 (EVEN SEMESTER)

SWAYAM- Student Details

S.No	SWAYAM Course Title	No. of students Enrolled the Course	No. of students Completed the Course
1.	**BioMedical Signal Processing**	**13 / 39**	**13 / 39**

SWAYAM- Staff Details

S.No	SWAYAM Course Title	No. of staff Enrolled the Course	No. of staff Completed the Course
1.	Transforming Instruction Through Blended Classroom	**3 / 13**	**3 / 13**

Department IQAC Member   **HOD/CSE**

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

KINGS
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Affiliated to Anna University, Chennai

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC YEAR 2020-2021 (EVEN SEMESTER)

SWAYAM EXECUTION STATUS

SWAYAM- Students Detail

S.No	Class	SWAYAM Course Title	No. of students Completed the Course	No. of students Attended Exam
1.	II ECE	Electronic Waste Management Issues and Challenges	37/42	03/42
		Awareness Program on Solar Water Pumping System	5/42	NIL
2.	III ECE	Awareness Program on Solar Water Pumping System	38/39	NIL
3.	IV ECE	Smart Materials and Intelligent System Design	33/42	33/42
		Awareness Program on Solar Water Pumping System	42/42	NIL

SWAYAM- Staff Details

S.No	SWAYAM Course Title	No. of staff Enrolled & Completed the Course	No. of staff Attended Exam & received Certificate
1.	Skills for new educational Architecture	9/15	6/15
2.	Curriculum Pedagogy and Evaluation for Higher education	2/15	NIL
3.	Pedagogical innovations and research methodology	1/15	1/15
4.	Components and Applications of Internet of Things	Enrolled=4 Completed= Nil	NIL

Department IQAC Member   **HOD/ECE**

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC YEAR 2020-2021 (ODD SEMESTER)

SWAYAM- Students Detail

S.No	Class	SWAYAM Course Title	No. of students Completed the Course	No. of students Attended Exam
1.	II ECE	Fundamentals of Electronic Device Fabrication	25/42	06/42
2.	III ECE	Python for data science	27/39	NIL
3.	IV ECE	Digital Image Processing	37/43	NIL

SWAYAM- Staff Details

S.No	SWAYAM Course Title	No. of staff Enrolled the Course	No. of staff Completed the Course	No. of staff Attended Exam & received Certificate
1.	Fundamentals of Electronic Device fabrication.	09	08	NIL
2.	Digital Circuits	05	05	01
3.	Python for Data Science	01	01	NIL
4.	Digital Image processing	08	07	NIL
5.	Nanotechnology in Agriculture	04	03	NIL
6.	Introduction to ancient Indian Technology	01	01	01
7.	Applied optimization for wireless, machine learning, Big data	01	01	NIL
8.	AICTE - NITTT - Module 7 Creative Problem Solving , Innovation and Meaningful R & D	01	01	NIL

Department IQAC Member

HOD/ECE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC YEAR 2019-2020 (EVEN SEMESTER)

SWAYAM- Students Detail

S.No	Class	SWAYAM Course Title	No. of students Completed the Course	No. of students Attended Exam
1.		A brief Introduction to Micro Sensors	05/51	05
	IV ECE	Electronic Waste Management – Issues and Challenges	45/51	45
		Machine Learning	01/51	01
		Introduction to Cyber Attacks	01/51	01

SWAYAM- Staff Details

S.No	SWAYAM Course Title	No. of staff Enrolled the Course	No. of staff Completed the Course	No. of staff Attended Exam & received Certificate
1.	E-waste management –issues and challenges	11	09	01
2.	Microprocessors and Interfacing	01	01	01
3.	Fundamentals of MIMO wireless communication	02	02	NIL
4.	CMOS Digital VLSI Design	03	03	NIL
5.	Basics of Digital Marketing	02	02	NIL
6.	Entrepreneurship	01	01	NIL

Department IQAC Member

HOD/ECE

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC YEAR 2019-2020 (ODD SEMESTER)

SWAYAM- Students Detail

S.No	Class	SWAYAM Course Title	No. of students Completed the Course	No. of students Attended Exam
1.		A brief Introduction to Micro Sensors	05/51	05
	IV ECE	Electronic Waste Management – Issues and Challenges	45/51	45
		Machine Learning	01/51	01
		Introduction to Cyber Attacks	01/51	01

SWAYAM- Staff Details

S.No	SWAYAM Course Title	No. of staff Enrolled the Course	No. of staff Completed the Course	No. of staff Attended Exam & received Certificate
3.	Pedagogical Innovations And Research Methodology (Interdisciplinary)	09	04	04
4.	Refresher course on teacher and teaching in Higher education	01	01	01
5.	Big data analytics for smart grid.	07	07	05

Department IQAC Member   **HOD/ECE**

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC YEAR 2018-2019 (EVEN SEMESTER)

SWAYAM- Staff Details

S.No	SWAYAM Course Title	No. of staff Enrolled the Course	No. of staff Completed the Course	No. of staff Attended Exam & received Certificate
2.	Transforming instruction through blended classroom	03	03	NIL
3.	Antennas	02	02	NIL
4.	Control systems	01	01	NIL
5.	Digital principles and system design	02	02	NIL
6.	Principles of communication	01	01	NIL
7.	ICT enabled teaching and learning process	04	04	NIL
8.	Real time embedded systems using ARM processor	02	02	NIL
9.	Biomedical instrumentation	01	01	NIL

Department IQAC Member

HOD/ECE

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

ACADEMIC YEAR 2020-2021 (EVEN SEMESTER)

SWAYAM EXECUTION STATUS

SWAYAM- Students Detail

S.No	Class	SWAYAM Course Title	No. of students Completed the Course	No. of students Attended Exam
1.	II EEE	Electronic Waste Management – Issues and Challenges	5 /9	-
		A Brief Introduction of Micro – Sensors	5 / 9	-
2.	III EEE	Electronic Waste Management – Issues and Challenges	7 / 15	-
		A Brief Introduction of Micro – Sensors	7 / 15	-
3.	IV EEE	Electronic Waste Management – Issues and Challenges	13 / 15	-
		A Brief Introduction of Micro – Sensors	13 / 15	-

SWAYAM- Staff Details

S.No	SWAYAM Course Title	No. of staff Enrolled & Completed the Course	No. of staff Attended Exam & received Certificate
1.	Electronic Waste Management – Issues and Challenges	6	-
2.	A Brief Introduction of Micro – Sensors	6	-

15/4/21

HOD/EEE

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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

ACADEMIC YEAR 2020-2021 (ODD SEMESTER)

SWAYAM EXECUTION STATUS

SWAYAM- Students Detail

S.No	Class	SWAYAM Course Title	No. of students Completed the Course	No. of students Attended Exam
1.	IV EEE	Advances in UHV Transmission and Distribution	04 / 15	04 / 15

15/4/21

HOD/EEE

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DEPARTMENT OF MECHANICAL ENGINEERING

DEPARMENT OF MECHANICAL ENGINEERING
ACADEMIC YEAR 2020-2021 (EVEN)
SWAYAM EXECUTION STATUS

SWAYAM- STUDENTS DETAILS

S.No	Class	SWAYAM Course Title	No. of student Completed the Course	No. of students Attended Exam
1	II MECH	CAD/CAM Computer Aided Design/Computer Aided Manufacturing	23/44	NIL
2	III MECH	CAD/CAM Computer Aided Design/Computer Aided Manufacturing	47/59	NIL
		Inspection and Quality Control in Manufacturing		
3	IV MECH A	Inspection and Quality Control in Manufacturing	10/33	NIL
		Machining Science	08/33	NIL
		Convective Heat Transfer	15/33	NIL
4	IV MECH B	Inspection and Quality Control in Manufacturing	06/35	NIL
		Non Traditional Abrasive Machining Process Ultra sonic Abrasive Jet Machining and Abrasive Water Jet Machining	29/35	NIL

SWAYAM- STAFF DETAILS

S.No	SWAYAM Course Title	No. of staff Enrolled & Completed the Course	No. of staff Attended Exam & Received Certificate
1	CAD/CAM Computer Aided Design/Computer Aided Manufacturing	03/11	02
2	Inspection and Quality Control in Manufacturing	04/11	NIL
3	Engineering Drawing and Computer Graphics	02/11	02/11
4	Module1-Orindation Towards Technical Education and Curriculum Aspects	02/11	02/11

IQAC Member

HOD/Mech

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DEPARMENT OF MECHANICAL ENGINEERING
ACADEMIC YEAR 2020-2021 (ODD)
SWAYAM EXECUTION STATUS

SWAYAM- STUDENTS DETAILS

S.No	Class	SWAYAM Course Title	No. of student Completed the Course	No. of students Attended Exam
1	II MECH	Fluid Mechanics	26/43	NIL
2	III MECH	Advanced Fluid Mechanics	20/59	NIL
3	IV MECH A	Robotics	09/33	NIL
		Advanced In Welding & Joining Technology	08/33	NIL
		Advanced Machining Process	08/33	NIL
		Aircraft Propulsion	08/33	NIL
4	IV MECH B	Advanced In Welding & Joining Technology	05/35	NIL
		Engineering Drawing & Computer Graphics	08/35	NIL
		Advanced Machining Process	08/35	NIL
		Steam Engine	07/35	NIL
		Robotics	07/35	NIL

SWAYAM- STAFF DETAILS

S.No	SWAYAM Course Title	No. of staff Enrolled & Completed the Course	No. of staff Attended Exam & Received Certificate
1	Engineering Drawing and Computer Graphics	02/08	02
2	Advanced Machining Process	01/08	NIL
3	Mathematical Modeling of Manufacturing process	01/08	NIL
4	Convective Heat Transfer	01/08	NIL
5	Concept of Thermodynamics	02/08	NIL
6	Fundamental of manufacturing Process	01/08	NIL

IQAC Member

HOD/Mech

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DEPARMENT OF MECHANICAL ENGINEERING
ACADEMIC YEAR 2019-2020 (EVEN)
SWAYAM EXECUTION STATUS

SWAYAM- STUDENTS DETAILS

S.No	Class	SWAYAM Course Title	No. of student Completed the Course	No. of students Attended Exam
1	IV MECH A	Non Traditional Abrasive Machining Process Ultrasonic Abrasive Jet and Abrasive Water Jet Machining	46/46	NIL
2	IV MECH B	Non Traditional Abrasive Machining Process Ultrasonic Abrasive Jet and Abrasive Water Jet Machining	41/41	NIL

SWAYAM- STAFF DETAILS

S.No	SWAYAM Course Title	No. of staff Enrolled & Completed the Course	No. of staff Attended Exam & Received Certificate
1	Fundamental of Manufacturing Process	04/11	NIL
2	Fundamental of Surface Engineering	03/11	NIL
3	Advanced Machining Process	03/11	NIL
4	Concept of Thermodynamics	01/11	NIL

IQAC Member

HOD/Mech

DEPARTMENT OF SCIENCE AND HUMANITIES

DEPARTMENT OF SCIENCE AND HUMANITIES

ACADEMIC YEAR 2020-2021 (ODD SEMESTER)

SWAYAM EXECUTION STATUS

SWAYAM- Students Detail

S.No	Class	SWAYAM Course Title	No. of students Completed the Course	No. of students Attended Exam
1.	I CIVIL	Landscape Architecture And Site Planning	01	--
		Building Cost Simplified Estimation	04	--
2	I CSE	Data Regarding	01	--
		Python For Data Science	18	--
3	I ECE	Digital Electronic Circuits	02	--
4	I EEE	Basics In Inorganic Chemistry	02	--
		Computer And Network	01	--
		A Brief Course On Superconductivity	04	--
		Superconductivity	01	--
5	I MECH	Manufacturing Process Technology 1 and 2	01	--
		Python For Data Science	02	--
		Mechanical Engineering	01	--

HOD/S&H

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DEPARTMENT OF SCIENCE AND HUMANITIES

ACADEMIC YEAR 2020-2021 (ODD SEMESTER)

SWAYAM EXECUTION STATUS

SWAYAM- Staff Details

S.No	SWAYAM Course Title	No. of staff Enrolled & Completed the Course	No. of staff Attended Exam & received Certificate
12.	Graph Theory	2	--
13.	Computational Physics	1	--
14.	Partial Differential Equations	2	--

DEPARTMENT OF SCIENCE AND HUMANITIES

ACADEMIC YEAR 2020-2021 (EVEN SEMESTER)

SWAYAM EXECUTION STATUS

SWAYAM- Staff Details

S.No	SWAYAM Course Title	No. of staff Enrolled & Completed the Course	No. of staff Attended Exam & received Certificate
1.	Modern Algebra	1	--

HOD/S&H
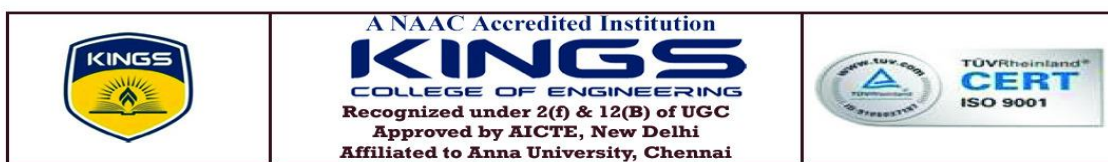
6.5.1 FOSS WORKSHOP IN ASSOCIATION WITH IIT BOMBAY

Spoken Tutorials

S.NO	ACADEMIC YEAR	NUMBER OF WORKSHOPS	NUMBER OF BENIFICIARIES
1	2020-2021	28	993
2	2019-2020	28	1164
3	2018-2019	28	961
4`	2017-2018	19	1285
5	2016-2017	15	712

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6.5.2 INTERNAL SEMINARS/FDP ORGANIZED

ACADEMIC YEAR

2020-21

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DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2020 – 21 (EVEN SEM)
INTERNAL STAFF WEBINAR – 24.06.2021

Ms.T.Bhuvaneswari, Assistant Professor, Department of Civil Engineering organized an Internal staff webinar on 24.06.2021 through google meet. Ms.R.Revathi, HoD /Civil, welcomed the faculty members. **Dr.R.Saravanan/Prof** delivered the webinar on **"Futurism of construction based on Environment with eco friendly methods & Magnetic Levitation roads"**. In his webinar he briefed about the various eco friendly materials and nanotechnology research and development.

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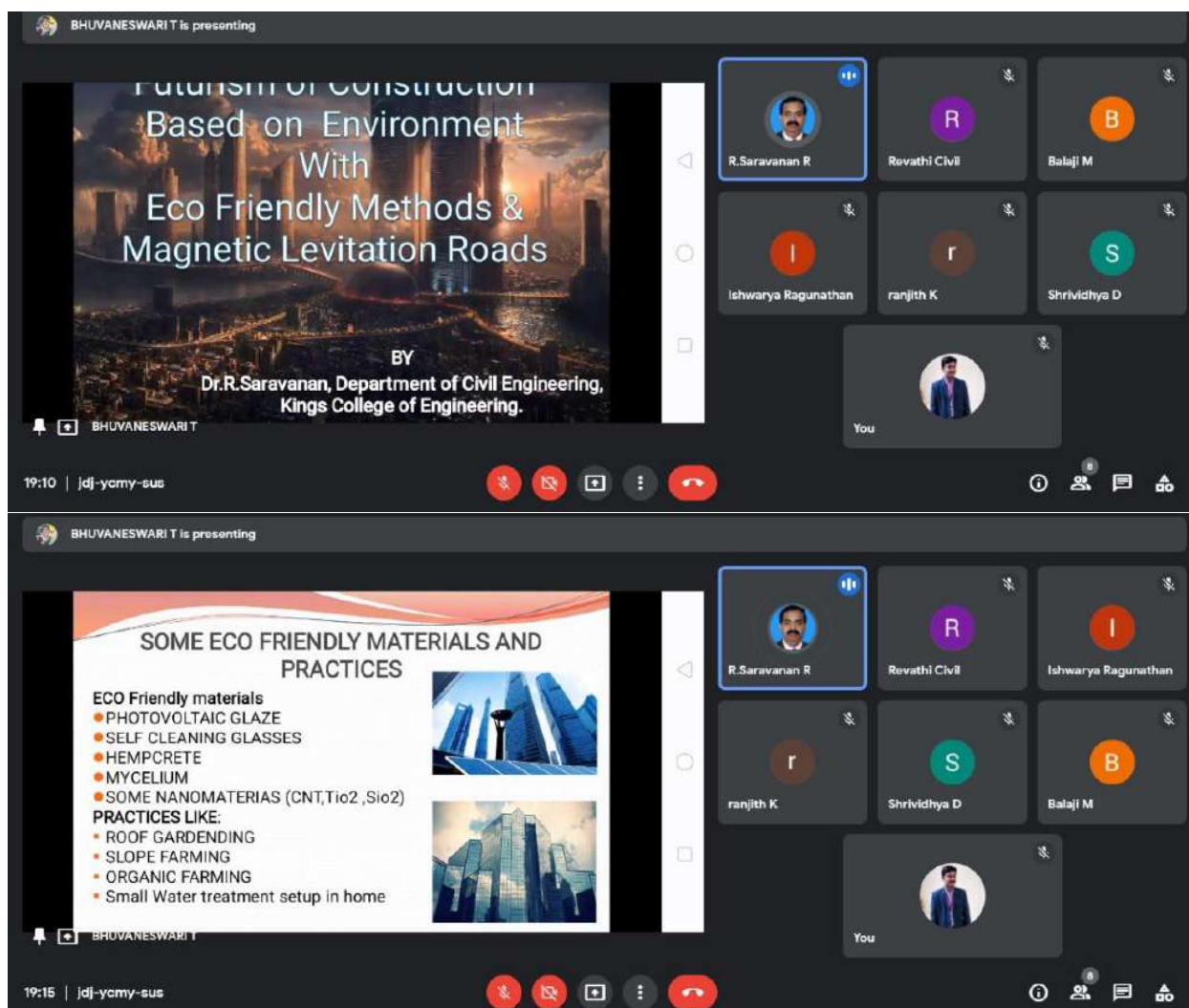
DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2020 – 21 (EVEN SEM)
INTERNAL STAFF WEBINAR – 11.06.2021

Ms.T.Bhuvaneswari, Assistant Professor, Department of Civil Engineering organized an Internal staff webinar on 11.06.2021 through google meet. Ms.V.Ishwarya , welcomed the faculty members. **Ms.R.Revathi,** HoD /Civil delivered the webinar on **"Durability properties of concrete made from agricultural waste"**. In her webinar she briefed about the various new durability test methods and suggested to implement those test for our students project.
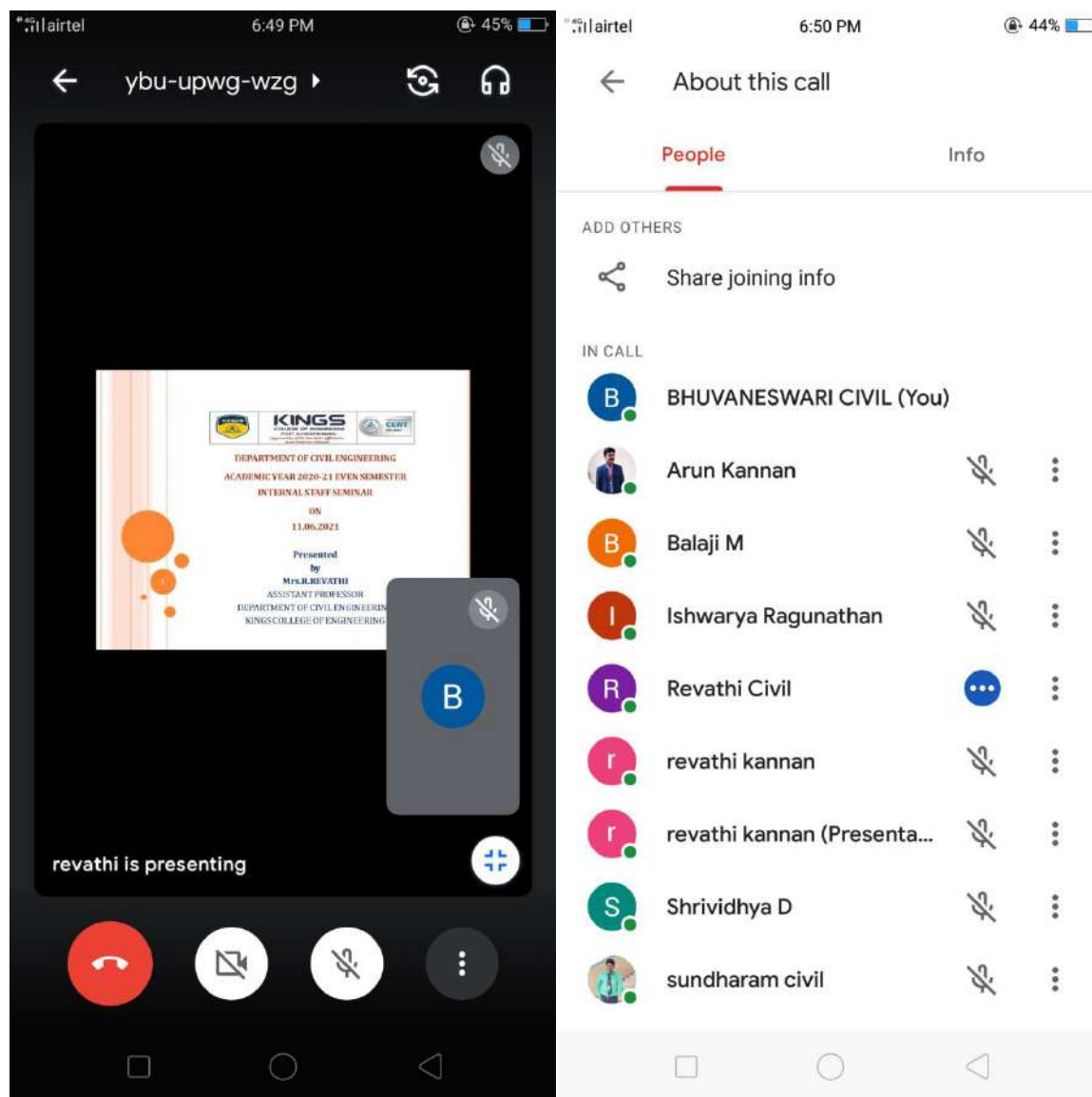
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
ACADEMIC YEAR 2020-21 EVEN
Internal Staff Webinar on – Report

Title of the Webinar   : "Gravity Based Power Generator"

Date   : 19.05.2021

Resource Person   : Mr.S.R.Karthikeyan, AP/EEE, KCE

Beneficiaries   : EEE Faculty Members- 8

On behalf of Department of EEE, IEEE Branch has organized Internal Seminar on "Gravity Based Power Generator" for faculty members, Department of EEE on 19.04.2021. The main objective of the internal seminar is to provide exposure to various research areas to our faculty members.

During the session the resource person discussed merits and demerits of various renewable energies. He explained the importance of gravity based power generator. He pointed out the recent research about gravity based power generation in the name of perpetual motion. He discussed about statistics of power sector in India. In his presentation he mentioned that 53% of Coal and 24.5% of renewable energy sources used for power generation as per the record of ministry of power, government of India as on 14.03.2021.

In order to increase the percentage of renewable energy sources for power generation, focus gravity power generation. Because Gravitational energy is uniform, continuous and independent of atmospheric conditions and geometrical areas.

He mentioned the gravity value of various planets in solar system:

Planet	Acceleration due to gravity, "g" (m/s^2)
Mercury	3.59
Venus	8.87
Earth	9.81
Moon	1.62
Mars	3.77
Jupiter	25.95
Saturn	11.08
Uranus	10.67
Neptune	14.07
Pluto	0.42

Screenshot 1

HISTORY OF PERPETUAL MOTION (Cont)

➢ Recently in **2009**, **two scientists** from **Taiwan** Chun Chan Wang, Yuh_suiang Wang have published their patent, where they have used the same principle to generate electricity.

➢ And a **Russian scientist** Mikhail Dmitriev on **January 28th 2011** used the same principle to increase the torque of rotating devices.

Device of Villiard de Honnecourt   **Overbalanced wheel**

👥 (5)   💬   ⓘ

k	karthikeyan sr (You)	
🖼	thirumagal p	>
⬆	karthikeyan selvaraj	NEW
k	karthikeyan selvaraj	>

Screenshot 2

Gravity of various Planet

Planet	Acceleration due to gravity, "g" [m/s²]
Mercury	3.59
Venus	8.87
Earth	9.81
Moon	1.62
Mars	3.77
Jupiter	25.95
Saturn	11.08
Uranus	10.67
Neptune	14.07
Pluto	0.42

Jupiter having highest value of gravity. Pluto having least value of gravity

👥 (5)   💬   ⓘ

k	karthikeyan sr (You)	
🖼	thirumagal p	>
⬆	karthikeyan selvaraj	NEW
k	karthikeyan selvaraj	>

Screenshot 3

Drawbacks in Utilizing Renewable Energy Sources Like Solar, Wind & Hydro

Solar - Solar doesn't work at night
Solar doesn't work in cool, cloudy or foggy climates

Wind – Unpredictable
Storage Issues

Hydro – It requires specific geometrical areas

The above mentioned sources mainly depend on atmospheric conditions and geometrical areas.

Gravitational energy – Uniform, continuous and independent of atmospheric conditions and geometrical areas.

👥 (6)   💬   ⓘ

k	karthikeyan sr (You)	
🖼	thirumagal p	>
⬆	karthikeyan selvaraj	>
🖼	AROKIA RAJ. J	NEW

Department of Electrical & Electronics Engineering
Academic year 2020-21 (Even)
Internal staff Webinar Report – Curriculum Enrichment

Date : 29.04.2021 through Google Meet. (8 – Faculty Members)

Curriculum Enrichmentwas discussed with the staff members of Department of Electrical & Electronics Engineering on 29/04/2021.

Objectives of Curriculum Enrichment:

Curriculum enrichment programmes encourage students to learn through different methods as they enjoy engaging projects and activities beyond the syllabus. Enrichment programmes can incorporate topics which develops the student's' curiosity to learn something new and fun.

27.04.21

Report on Webinar & Mock Audit for NBA

Kings College of Engineering, Punalkulam organized a "**Webinar & Mock Audit for NBA**" under the **aegis of AICTE Margadarshan scheme** by **experts from its mentor institute NIT, Trichy on 23.4.2021 through virtual mode.** Since Nov 2018, Under **Margadarshan scheme with NIT, Trichy** as the hub and mentor institute, Kings College of Engineering is accelerating various initiatives towards raising quality in technical education. Institute also has signed **MoU with Siemen's Centre of Excellence, NIT, Trichy** as a part of this initiative.

Under the directions and motivations of **Dr. Mini Shaji Thomas, Director, NIT Trichy,** efforts to meet the objective of Margadarshan are made**. Dr.N.Sivakumaran, Professor and Chief Coordinator**, Department of ICE, NIT, Trichy and **Dr.G.Saravana Illango, Associate Professor and Co-coordinator**, Department of EEE is supporting the initiatives. Under this scheme Expert interactions, Faculty Development Programmes, Industrial visits and student internships, Project works were completed successfully.

Dr.M.Venkata Kirthiga, Associate.Prof/EEE, NITT, Dr.P.Raja Associate.Prof/EEE, NITT, Dr.S.Moorthi, Associate Prof/EEE, NITT were the expert members of the webinar & mock audit for NBA. **Dr.R.Rajendiran, Secretary presided over the programme, Dr.J.Arputha Vijaya Selvi, Principal offered felicitations. Dr.S.Sivakumar Vice-Principal,** HODs and faculty members participated in the programme.

Highlighting the NBA accreditation process, the expert members from NIT, Trichy shared their experiences about Outcome-Based-Education. Focusing on key areas of accreditation process, the session gave an mock audit experience to the participants. Highlighting the significance of NBA accreditation, criterion and process of NBA accreditation, key aspects to be given importance towards accreditation was insisted by the experts. As per the evaluation criteria of NBA, suggestions to enhance the quality aspects of the processes were shared by the experts during the session.

The key takeaways of the Webinar & Mock Audit for NBA are

- Establish quality conscious system to offer Outcome Based Education
- Set benchmark for processes to achieve Mission, Vision of the institute
- Higher importance to impart practical knowledge, skills, industrial interactions
- Periodical interaction with all stakeholders, review meet

Experts from NIT-T has facilitated and accelerated NBA accreditation preparedness among the participants. Webinar & Mock Audit for NBA has helped the participants with ideas to fill in gap areas to attain OBE.   Suggestions to achieve set target under varying potential of entrants was also shared by the experts.

Session Feedback

Questionnaire	1	2	3	4	5
Session has created an impact and enhanced experiences towards NBA accreditation. Do you agree ?					100% agree
Speaker's way of delivery and content			1.8%	1.8%	96.4%
Overall rating			1.8%	1.8%	96.4%
Comments					

- Excellent session, Informative session, Need more such session, Got to know best about NBA process
- Presenter Dr.Vengata Krithika & team, from NITT well explained about NBA, various outcomes and mark details of each criteria. Thanks to presenters & organizers.
- Nice presentation by experts and thanks to organizing committee.
- Well organized session with eminent speakers
- Good arrangements

WEBINAR SNAPSHOT

Evaluation Criteria

Criterion 1:

Vision, Mission and Program Educational Objectives (60)

Statement of Vision and Mission	– (5)
Statement of PEOs	– (5)
Dissemination of the above	– (10)
Process for defining the above	– (25)
Consistency of PEOs with Mission and Vision	– (15)

Evaluation Criteria

Criterion 9:

Student support system (50)

Mentoring system to help at individual level – (05)
Feedback analysis and reward – (10)
Feedback on facilities – (05)
Self learning   - (05)
Career guidance, placement and training - (10)
Entrepreneurship cell - (05)
Co-curricular and extr-curricular activities – (10)

திருச்சி தேசிய தொழில்நுட்ப கழகத்துடன் இணைந்தது

புதுக்கோட்டை கிங்ஸ் பொறியியல் கல்லூரியில் தேசிய தரச்சான்றிதழ் பற்றிய கருத்தரங்கம்

புதுக்கோட்டை, ஏப். 27– புதுக்கோட்டை மாவட்டம் புனல்குளத்தில் அமைந்துள்ள கிங்ஸ் பொறியியல் கல்லூரியில், திருச்சி தேசிய தொழில்நுட்பக் கழகத் துடன் இணைந்து, பேராசிரியர்களுக்கு தேசியத் தரச்சான்றிதழ் பற்றிய வகைகள் கருத்தரங்கம் கல்லூரி செயலாளர் ராஜேந்திரன் முன்னிலையில் நடைபெற்றது.

கல்லூரி முதல்வர் அறிபுத விஜயசெல்வி வாழ்த்துரை வழங்கினார்.

கடந்த சில வருடங்களாக கிங்ஸ் பொறியியல கல்லூரி யினை அகில இந்திய தொழில் நுட்ப கழகத்தின் மார்க்தர் ஷன் என்ற திட்டத்தின் வாயிலாக திருச்சி தேசிய தொழில்நுட்பக் கழகம் வழி நடத்தி வருகிறது. அதன் ஒரு பகுதியாக இந்த கருத்தரங்கம் நடைபெற்றது.

கருத்தரங்கில் திருச்சி யிலிருந்து மின்னியல் துறை பேராசிரியர்கள். வேங்கட கிருத்திகா, ராஜா மற்றும் மூர்த்தி ஆகியோர் பங்கேற்று கிங்ஸின் பேராசிரியர்களுக்கு தேசிய தரச்சான்றிதழை பெறுவதற்கான வழிமுறை களையும், அதன் நுணுக்கங் களையும் எடுத்துரைத்தனர். மார்க்தர்ஷன் திட்டத்தின் கீழ், திருச்சி தேசிய நுட்பக் கழகத்தின் பேராசிரியர் சிவக்குமரன் மற்றும் சரவண இளங்கோ ஆகியோர் ஒருங்கிணைப்பில் தேசிய தொழில்நுட்ப கழகத்தின் இணைவு பெற்ற கல்லூரி களின் பேராசிரியர் களின் தரமேம்பாடு, மாணவர்க ளுக்கு புதிய தொழில் நுட் பங்களைப் பற்றிய புரிதல், திறன் மேம்பாட்டு பயிற்சி போன்றவற்றை அளித்து வருகின்றனர்.

இந்நிகழ்ச்சியின் வாயி லாக. இப்பேராசிரியர்கள் வினைவு அடிப்படை யிலான கற்றலில் தங்கள் அனுபவத்தினை பகிர்ந்து...

தரச் சான்றி தழ் பெறுவதின் நோக்கம், முக்கியத்துவம், வழிமுறைகள் பற்றிய விளக்கதிகளை வழங்கினார். தரம் சார்ந்த கல்வி அமைப்பு, கல்லூரியின் எதிர்காலத் திட்டங்களை சென்றடையத் தேவையான குறியீட்டு இலக்குகள். மாணவர்களின் செல்முறை கல்விக்கான முனைப்பு மற்றும் முறையான கால இடைவெளியில் பங்குதாரர் களோடு சீராய்வு செய்தல் என கல்லூரியின் தர செயல்களைப் பற்றியும் செயல்முறையான மேம் பாட்டிற்கான எல்லா செயல்களையும் எடுத்துரைத்தனர்.

நிறுப்கியில் கல்லூரியின் துணை முதல்வர் சிவகுமார் உள்ளிட்ட பேராசிரியர்கள் பங்கு பெற்றனர். நிகழ்ச் சியை கிங்ஸ் பொறியியல் கல்லூரியின் தர உறுதிக் குழுவின் ஒருங்கிணைப் பாளர் அபிராமி வழங்கி னார்.

சிறப்பு பூஜை

உப்பிலியபுரம், ஏப். 27– உப்பிலியபுரம் அருகே யுள்ள செட்டி யாப்பட்டி மரகத வல்லி தாயார் உட னுறை காளஹஸ்தீஸ்வரர் ஆலயத்தில், சித்ரா பொரளர் ணமியை முன்னிட்டுவிசேஷ பூஜைஜகள் நடைபெற்றது. அது சமயம் ஹரான ஹ்ஸ்தீ ஸ்வரர். அர்த்தநாரீஸ்வரர் அலங்காரத்தில் பக்தர்க ளுக்கு காட்சியளித்து. அருள் பாளித்தார்.

பட்டுள்ளது. மக்களிடம் பணப்புழக்கமும் குறைந்து விட்டது. ஏற்கனவே தயா ரித்து வைத்திருந்த மிட்டாய் உள்ளிட்ட வைகளும் வீணாகி போய்விட்டன.

கடந்த ஆண்டை காட்டி

திருச்சி முகா
9 கைதிகளுக்

திருச்சி, ஏப். 27– திருச்சி மத்திய சிறை வளாகத்தில் போலி பாஸ் போர்ட், போதை பொருட் கள் கடத்தல் உள்ளிட்ட சம்ப வங்களில் தொடர்புடைய வெளிநாட்டவர்கள் கைது செய்யப்பட்டு அடைத்து வைக்கப்பட்டுள்ளனர். அவர் களுக்கான தனி முகாம் சிறை வளாகம் செயல்படுகிறது.

இதில் இலங்கை, வங்கா தேசம், ஆப்பான், ருவாண்டா, நைஜீரியா, பாகிஸ்தான், ரஷ்யா உள்ளிட்ட பல்வேறு நாடுகளை சேர்ந்த 109 பேர் அடைத்து வைக்கப்பட்டுள்ள னார். இதில் பெரும்பாலா னோர்கள் போலி பாஸ் போர்ட் மூலம் இந்தியா வந்த வர்களே ஆவர்.

இந்த நிலையில் தமிழ கத்தில் கொரோனா இரண் டாவது அலை வேகமெடுத் துள்ளதால் இந்த முகாம் சிறையில் தங்கி இருப்பவர்

NIT Tiruchy holds national-level chemical engineering event online

EXPRESS NEWS SERVICE @ Tiruchy

NIT Tiruchy Chemical Department inaugurated their flagship event on Friday through online. Alchemy, a three-day event, is organised every year to spread knowledge and impart a sense of interest in the field of chemical engineering. Students from various colleges across the country would participate. MK Jha, president of Indian Institute of Chemical Engineers, who was invited as the chief guest, inaugurated the event. It was presided over by NIT Tiruchy Director Mini Shaji Thomas.

On the inauguration day, "Dr. S. H. Ibrahim Endowment Lecture", initiated in memory of the founding Head of the Department of Chemical Engineering was held. Ravi Sankaran, Lead Engineer at Fluor Australia, spoke about 'Process Safety' during his endowment lecture.

In the course of three days, paper presentations, quizzes and guest lectures by eminent personalities like Suresh Kumar Bhatia (Professor, University of Queensland) and Sudhhasatwa Babu (Director of Council of Scientific Industrial Research) were scheduled. Besides, many workshops and hands-on training in technical software like Matlab, Aspen, and one in research paper writing were also held.

Also present at the inauguration were P Kalaichelvi, HOD of Chemical Engineering, Surya, chairperson of Alchemy and overall coordinator Kande Ashish.

Mock audit for mentee institute held on campus

Over 100 faculty members of Kings College of Engineering (KCE) took a taste of National Board of Accreditation (NBA) process in a webinar and mock NBA event online on Friday. The programme was presided over by R Rajendran, Secretary and inaugurated by J Arputha Vijaya Selvi, Principal, KCE. This was held under the direction of Mini Shaji Thomas, Director, NIT Tiruchy and with the support of N Sivakumaran, Chief Coordinator and G Saravana Illango, Co-coordinator, of the Margadarshan scheme-NITT. The webinar focused on highlighting the significance of outcome-based-education, the criterion and process of NBA accreditation. In addition to the mock accreditation process, pointers to enhance quality aspects of the processes based on the evaluation criteria of NBA was also provided by the mentor institute.

The mock audit experience would accelerate NBA accreditation preparedness, setting up benchmark for processes targeted at mission and vision of the institute secondary — Sources

Mock audit for NBA

A Webinar and Mock Audit for NBA was conducted by Kings College of Engineering, Thanjavur, by involving National Institute of Technology - Tiruchi, under the aegis of Margadarshan Scheme of All India Council for Technical Education. The significance of Outcome-Based-Education, criterion and process of NBA accreditation and other key aspects were detailed by the NIT-T experts constituting M. Venkata Kirthiga, P. Raja and S. Moorthi from the department of EEE, under the direction of Institute Director Mini Shaji Thomas. R. Rajendran, College Secretary, presided over the programme that was inaugurated by J. Arputha Vijaya Selvi, Principal.

A NAAC Accredited Institution

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DEPARTMENT OF CIVIL ENGINEERING	**02/03/2021**

ACADEMIC YEAR 2020-2021/EVEN

INTERNAL STAFF SEMINAR – REPORT

Background & Objective

Department of Civil Engineering had organized an Internal Seminar for the Department staff members for accessing online journals. The purpose of this seminar is to equip the faculty in new techniques through accessing online journals (SPRINGER journal).

Seminar Session

A Seminar was held in the Department of Civil Engineering on 2nd March, 2021 at 12:45PM. The seminar was presided over by **Ms.R.Revathi, HoD.**, Department of Civil Engineering. All the faculties were present in the seminar. **Ms.D.Shrividhya/AP** delivered her seminar talk on **"Construction and Demolition Waste Management"- A REVIEW"**
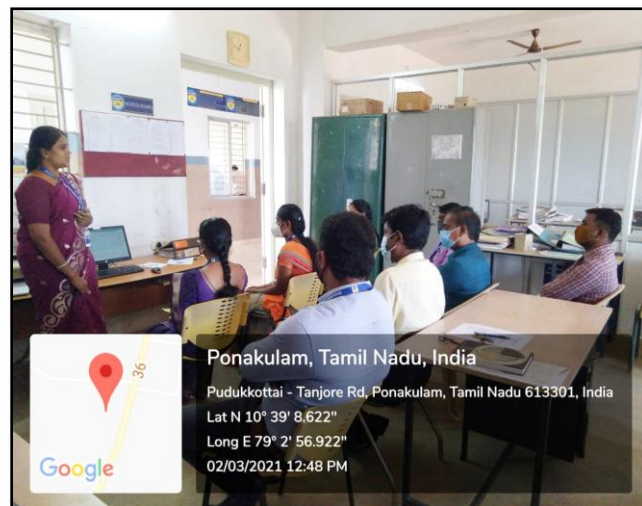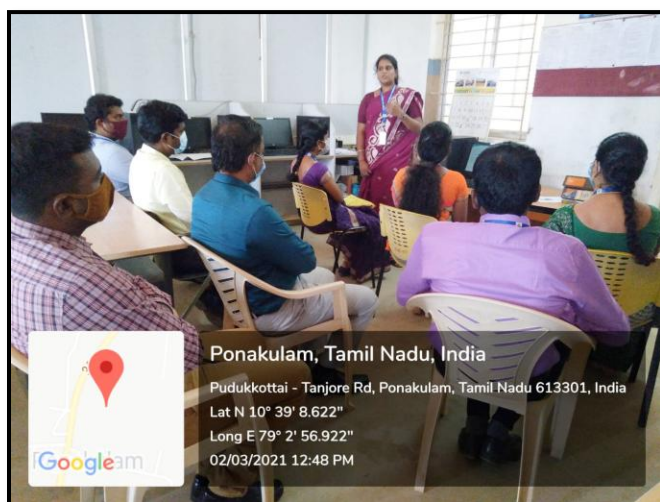
Seminar talk by Ms..D.Shrividhya/AP

Theme: sustainable C&D waste management is becoming increasingly essential to protect public health and natural ecosystems. This paper proposes a conceptual C&D waste management framework to maximize the 3R (reduce, reuse and recycle) and minimize the disposal of

construction waste by implementing sustainable and comprehensive strategy throughout the lifecycle of construction. In addition, a life cycle based C&D waste sustainability index is developed. This approach can be used to make decisions related to selection of material, sorting, recycle/reuse and treatment or disposal options for C&D waste. waste management systems include waste avoidance and minimization through recycling/reusing, waste to energy options (where possible) and safe disposal and discharge.

<u>Outcome</u> :

The Seminar clearly highlighted the reduction and management strategies to minimize the construction and demolition waste. Staff Members also got an idea about the usage of recycled wastes in construction industry like recycled aggregate, timber, bricks, glass plastic, pipes dredging, paints and varnishes etc., This seminar proves to be very effective in such a way that, it highlighted the lifecycle assessment approach. Also this seminar provides the wide scope for managing the construction and demolition wastes into sustainable usage of resources. Finally, discussions were made among faculty members in various re-utilization of recycled construction and demolition wastes again in a construction. Staff members shared their views regarding seminar and gave their valuable feedback.

DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2020-2021 (EVEN SEMESTER)
INTERNAL SEMINAR - REPORT

Background & Objective:

Outcome-based education (OBE), also known as standards-based education, is an educational theory that bases each part of an educational system around goals (outcomes). Already we are following OBE in our educational practices. In order to practice OBE efficiently, an internal seminar to students was conducted by Department of CIVIL Engineering on **01.03.2021** at IT Block Seminar hall by 01:15 PM.

Briefing on Institution & Department Vision, Mission:

Ms.R.Revathi, HoD/Civil, narrated the Vision & Mission of KINGS COLLEGE OF ENGINEERING. In addition she also explained the Vision & Mission of DEPARTMENT OF CIVIL ENGINEERING. She also described about the purpose of Vision & Mission and how it can be achieved through OBE.

Briefing on Institution & Department Vision, Mission by Ms.R.Revathi, HoD/Civil

CO-PO-PSO-PEO:

The session was continued by **Mr.K.Arun, IQAC Member/Civil.** He listed out the Course outcome (CO), Programme outcome (PO), Programme specific outcome (PSO) and Programme Educational Objective (PEO) for the department of Civil Engineering. He also detailed about the difference between Course outcome and Programme outcome, and how PSO and PEO can be attained for a specific Programme. CO for a particular subject was also explained for better understanding of the students.

Briefing on CO-PO-PSO-PEO by Mr.K.Arun, IQAC Member/Civil.

BLOOMS TAXONOMY (BT):

The session was next followed by **Ms.T.Bhuvaneswari, PAC Member/Civil.** She presented about the 6 levels of BLOOMS TAXONOMY. She also detailed about, how we are implementing the Blooms Taxonomy in our Assessment examinations.

Briefing on Blooms Taxonomy by Ms.T.Bhuvaneswari, PAC Member/Civil.

QB Format :
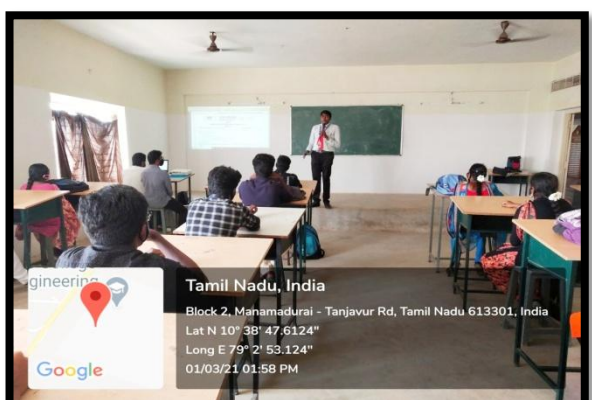
Briefing on New QB format by Mr.R.Sundharam, Dy. CE/Civil.

Finally, the session was concluded by **Mr.R.Sundharam, Dy.CE/Civil.** He explained about our new Question bank format, which includes the Blooms Taxonomy levels and course outcome for each question.

<u>Outcome</u>

All the II, III & IV Yr students and staff members from department of Civil Engineering were benefited by the internal seminar. Students gained clear view about our OBE practices and CO-PO-PSO-PEO. Students were motivated for achieving the Vision and Mission through OBE. In addition Blooms Taxonomy implementation and new QB format were well understood by the students, which will help them in their preparation for assessments in a better manner.

DEPARTMENT OF MECHANICAL ENGINEERING   **16/02/2021**

ACADEMIC YEAR 2020-2021/EVEN

INTERNAL STAFF SEMINAR – REPORT

Background & Objective

Department of Mechanical Engineering had organized an Internal Seminar for the Department staff member's on the topic of "Recent Trends in Powder Metallurgy". The purpose of this seminar is to share the technological ideas and applications about the Powder Metallurgy in present scenario.

Seminar Session

A Seminar was held in the Department of Mechanical Engineering on 16th February, 2021 at 10:30 am. The seminar was presided over by **Dr.T.Pushparaj, HoD.**, Department of Mechanical Engineering. All the faculties were present in the seminar. **Mr.M.Melwin Jagadeesh Sridhar/AP** delivered his seminar talk on "Recent Trends in Powder Metallurgy".
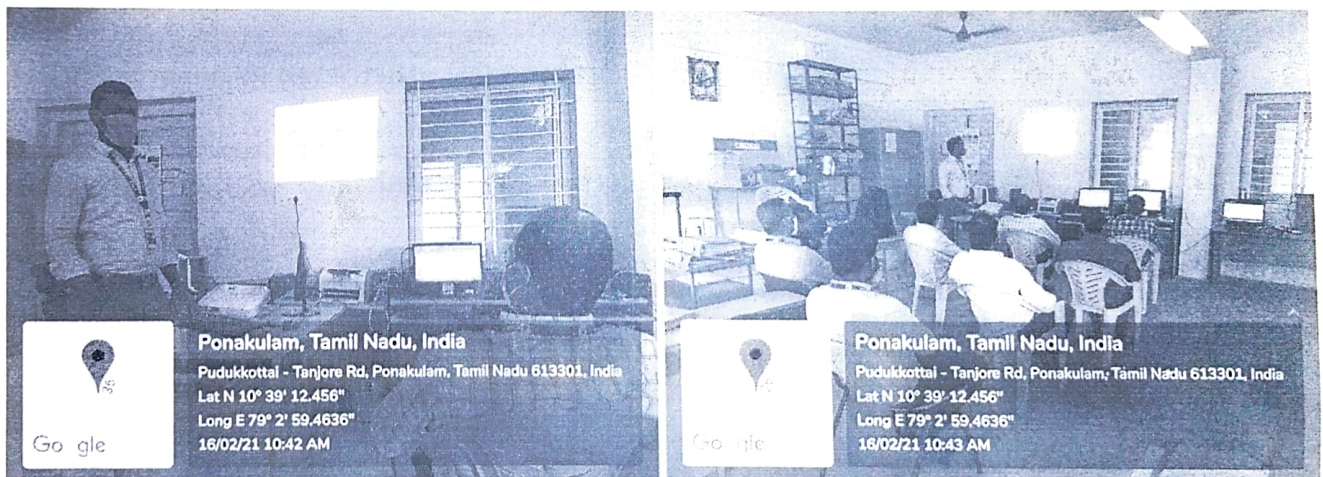
Seminar talk by Mr.M.Melwin Jagadeesh Sridhar/AP

The themes discussed were: The overview of Powder Metallurgy (PM), History and capabilities, Powder production techniques, Powder compaction, Isostatic powder compacting, Sintering, Continuous powder processing, Shock (dynamic) consolidation, Electric current assisted sintering, Special products and Hazards. The blending of the powders and ball milling process, Preparation of green compacts through cold compaction route were also discussed. The sintering process and extrusion temperatures of common metals and alloys were presented.

Also the seminar covers:

- Sintering parts at normal or elevated sintering temperatures.
- Increased productivity by reducing rework and scrap.
- Improving properties of PM parts with sintering.
- The latest equipment capabilities.
- Troubleshooting sintering problems.
- Efficiency in daily sintering operations.

Outcome

The courses are particularly beneficial to technical and managerial personnel looking for a more comprehensive understanding of the PM process and also helpful in publications in various journals like Materials and Design, Materials Today, TIIM and Journal of Materials and Metallurgical Engineering. The Powder metallurgy process was clearly explained which varied from the Stir Casting Method. The importance of powder metallurgy and industrial applications were discussed. Staff members shared their views on the seminar topic and gave their feedback.

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T. *(signature)*
HOD/MECH 16/2/21

J. *(signature)* 16/2/2021.
PRINCIPAL

DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2020-2021/EVEN
INTERNAL STAFF SEMINAR – REPORT

Background & Objective

Department of Civil Engineering had organized an Internal Seminar for the Department staff members for accessing online journals (SPRINGER). The purpose of this seminar is to equip the faculty in new techniques through accessing online journals.

Seminar Session

A Seminar was held in the Department of Civil Engineering on 14 February, 2021 at 11:00AM. The seminar was presided over by **Ms.R.Revathi, HoD**. Department of Civil Engineering. All the faculties were present in the seminar. **Ms.V.Ishwarya/AP** delivered her seminar talk on **"Internet of Things based Smart Waste Bin Monitoring and Municipal Solid Waste Management System for Smart Cities."**
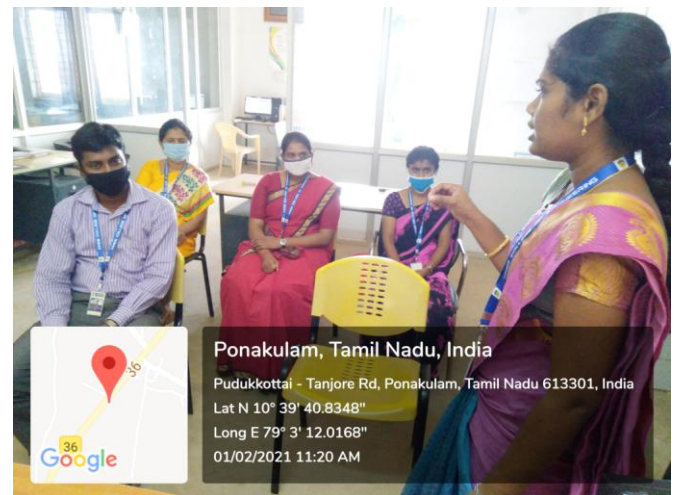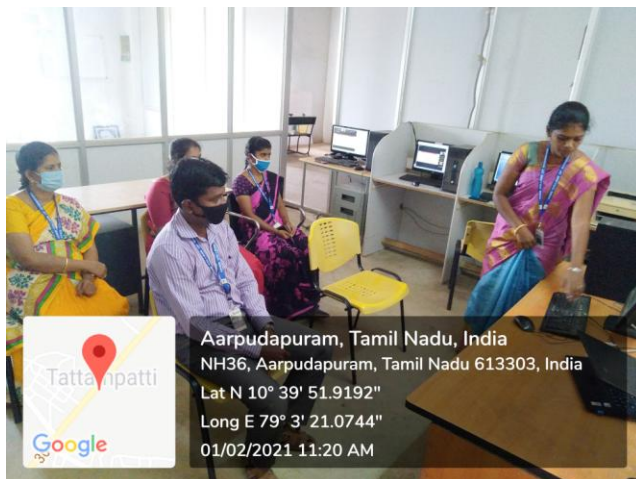
Seminar talk by Mr.V.Ishwarya /AP

The themes discussed were: Smart Waste Bin Monitoring and MSW for Smart Cities.

The significant contribution of this paper:

i.The proposed model will provide efficient, real-time and ioT-based garbage collection

solutions to municipal solid waste management.

ii.It will improve environmental quality leading to reduce health issues by delivering scheduled emergency alerts.

iii. It will reduce the cost and provide an efficient way to use resources.

iv. It will help in reducing the traffic congestion as well as noise due to the municipal

transportation.

v. It will reduce the man power effort of municipal management by providing effective

usage of garbage bins.

Outcome

The Seminar clearly highlighted the smart techniques and method for waste collection, transporting and disposal. Staff Members also got an idea in waste collected through loT-based system and more effective as compared to traditional methods and in terms of waste-truck route optimization and cost reduction of the system. Based on loT, the waste will be collected on time that reduces the pollution ratio in the environment in order to save people from many diseases. Finally, discussions were made among faculties on advanced techniques for bin management. Staff members shared their views regarding seminar and gave their feedback

DEPARTMENT OF CIVIL ENGINEERING   **11/02/2021**

ACADEMIC YEAR 2020-2021/EVEN

INTERNAL STAFF SEMINAR – REPORT

Background & Objective

Department of Civil Engineering had organized an Internal Seminar for the Department staff members for accessing online journals (MAT). The purpose of this seminar is to equip the faculty in new techniques through accessing online journals.

Seminar Session

A Seminar was held in the Department of Civil Engineering on 11th February, 2021 at 11:30AM. The seminar was presided over by **Ms.R.Revathi, HoD**, Department of Civil Engineering **Mr.K.Ranjith /AP** delivered his seminar talk on **"Analysis of plain Concrete pavement in ANSYS and "Analysis of compressive strength of concrete using different Sulphonated Naphthalene Polymer based admixtures".**

Seminar talk by Mr.K.Ranjith /AP

The themes discussed were: ANSYS, Super plasticizers, ready mix concrete, pre-stressed concrete.. pumped Concrete Sulfonated Naphthalene Polymer base.

The significant points of the paper:

- From the paper it is very clear that the finite element modeling for concrete pavement is very essential. ANSYS 11.0 is very good tool and the results obtained are the contours of stress, strain and forces.
- The deformed shapes are also visible. The stresses and strains in terms of different colors are also visible.
- The test of compressive strength of concrete for SNP (Master Rheobuild 623) shows that, as the water cement ratio increases the strength of the concrete declines.
- Using this super plasticizer in concrete, the highest values are obtained for the lowest water cement ratio and this is about 4200 psi.
- The same thing is also happened for SNP (Con-Lub) and SNP (Master Rheobuild 1100) that when the water cement ratio increases the strength of concrete decreases.
- The highest value of compressive stress for SNP (Con-Lub) is obtained at 28 days for 0.30 w/c ratio is closer to 4400 psi and for SNP (Master Rheobuild 1100) the highest value is obtained at 28 days for 0.30 w/c ratio is closer to 4400 psi.

Outcome

The Seminar highlighted the new method to solve complex elasticity and structural analysis problems in civil and aeronautical engineering The finite element method is a numerical procedure that can be applied to obtain approximate solutions to a variety of problems in engineering. There are many ways to reduce permeability of concrete. The most economical way is reducing the water / cement ratio. The results have shown substantial improvement in the properties of concrete after use of the admixtures. Finally, discussions were made among faculties on advanced techniques in ANSYS. Staff members shared their views in ANSYS software and shared their suggestions.

DEPARTMENT OF CIVIL ENGINEERING   **29/01/2021**

ACADEMIC YEAR 2020-2021/EVEN

INTERNAL STAFF SEMINAR – REPORT

Background & Objective

Department of Civil Engineering had organized an Internal Seminar for the Department staff members for accessing online journals. The purpose of this seminar is to equip the faculty in new techniques through accessing online journals (MAT journal).

Seminar Session

A Seminar was held in the Department of Civil Engineering on 29th January, 2021 at 01:00PM. The seminar was presided over by **Ms.R.Revathi, HoD.**, Department of Civil Engineering. All the faculties were present in the seminar. **Mr.K.Arun /AP** delivered his seminar talk on **"USE OF BAMBOO AS A CONSTRUCTION MATERIAL - A REVIEW"**

Seminar talk by Mr.K.Arun /AP

Theme: Researchers and architects are always looking for new materials for basic frameworks; utilizing bamboo as conceivable support has picked up fame. Giant bamboos are the largest members of the grass family. In bamboo, the intermodal regions of the stem are usually hollow and the vascular bundles in the cross section are scattered throughout the stem instead of in a

cylindrical arrangement. Bamboo includes some of the fastest growing plants in the world. Certain species of bamboo can grow 91cm within a 24 hour period. Bamboo culms are a cylindrical shell divided by solid transversal diaphragms at nodes and have some intriguing properties such as high strength in the direction parallel to the fibers, which run longitudinally along the length of the column, and low strength in a direction perpendicular to the fibers. Based on the different properties and characteristics of bamboo, it was concluded that Bamboo can potentially be used as substitute for steel reinforcement. Considering its credibility, there is a wide scope for designing multi story building using bamboo reinforcement in future.

<u>Outcome</u> :

The Seminar clearly highlighted the properties and characteristics of bamboo as an alternate material for building construction. Staff Members also got an idea about the usage of bamboo in construction industry like columns, beams, purlins, rafters & reapers, flooring, doors & windows, walls, ceiling, man-hole covers etc. This seminar proves to be effective in such a way that, it highlighted the potential replacement for steel reinforcement. Also this seminar provided the wide scope for designing multi story building using bamboo reinforcement in future, considering the credibility of bamboo. Finally, discussions were made among faculty members in various features of bamboo as a construction material. Staff members shared their views regarding seminar and gave their valuable feedback.

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DEPARTMENT OF CIVIL ENGINEERING   **23/01/2021**

ACADEMIC YEAR 2020-2021/EVEN

INTERNAL STAFF SEMINAR – REPORT

Background & Objective

Department of Civil Engineering had organized an Internal staff Seminar for the staff members for accessing online journals (Springer). The purpose of this seminar is to equip the faculty in new techniques through accessing online journals.

Seminar Session

A Seminar was held in the Department of Civil Engineering on 23rd January, 2021 at 01:15PM. The seminar was presided over by **Ms.R.Revathi, HoD.**, Department of Civil Engineering. All the faculties were present in the seminar. **Mr.R.Sundharam/AP** delivered his seminar talk on "**SEISMIC PERFORMANCE OF EXISTING WATER TANK AFTER CONDITION RANKING USING NON-DESTRUCTIVE TESTING**"
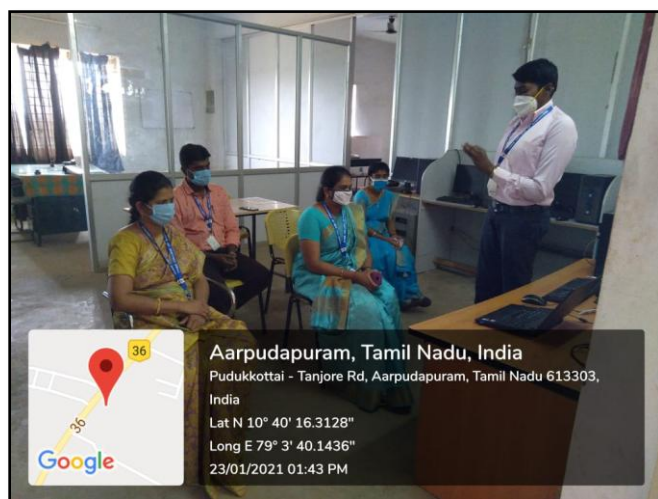
Seminar talk by Mr.R.Sundharam /AP

The themes discussed were: Seismic diagnosis and seismic retrofit for the existing tanks. DER, i.e., degree (D), extent (E) and relevancy (R) rating technique was employed to find out the condition

index of the elevated service reservoir (ESR). The ranking assessment of the elevated service reservoir was carried out using different non-destructive tests (NDTs). Numerous techniques have been originated and applied to improve the seismic behavior of these structures. Among all the natural disasters, earthquakes, being the most destructive and affecting structures, have also created a need to raise the current safety levels in structures. As per the recommendations of the prevalent codes, several existing structures were analyzed, designed and detailed. To make existing weak structures safe against future natural forces and possible earthquakes, retrofitting is one of the best options .In this research work, retrofitting techniques used are diagonal braces as a retrofitting system, FRP as a newly emerging material, and damper as technology.

Outcome

The Seminar obviously underlined the seismic vulnerability of the existing structures and the assessment of the elevated service reservoirs using non-destructive tests. The merits and demerits of the structure under seismic activity were discussed. Also the DER rating techniques used to find out the condition ranking of ESR and safety evaluation for rehabilitation or reconstruction, increasing the base shear of the structures using bracing, damper and FRP were also presented. At the end of seminar, discussions were done among the faculty membes in various retrofiiting techniques for different structures. Staff members shared their views regarding seminar and gave their feedback.

DEPARTMENT OF CIVIL ENGINEERING	12/01/2021

DEPARTMENT OF CIVIL ENGINEERING   **12/01/2021**

ACADEMIC YEAR 2020-2021/EVEN

INTERNAL STAFF SEMINAR – REPORT

Background & Objective

Department of Civil Engineering had organized an Internal Seminar for the Department staff members for accessing online journals. The purpose of this seminar is to equip the faculty in new techniques through accessing online journals.

Seminar Session

A Seminar was held in the Department of Civil Engineering on 12th January, 2021 at 01:00PM. The seminar was presided over by **Ms.R.Revathi, HoD.**, Department of Civil Engineering. All the faculties were present in the seminar. **Ms.T.Bhuvaneswari/AP** delivered her seminar talk on "Experimental Verification of Modal Identification of a High-rise Building Using Independent Component Analysis".
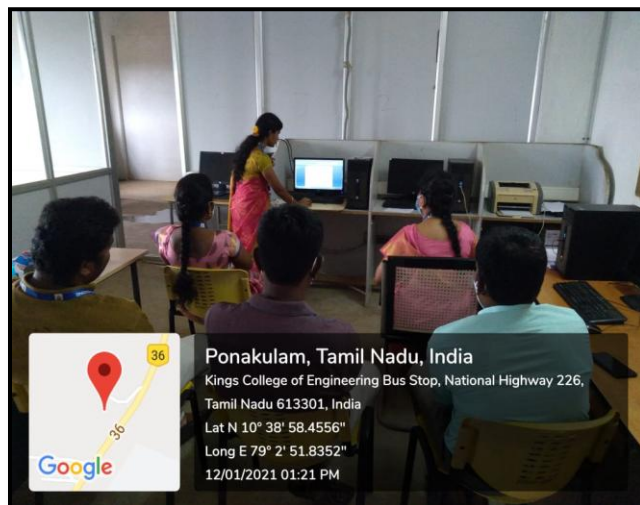
Seminar talk by Ms.T.Bhuvaneswari/AP

The themes discussed were: ICA method, a novel method for identification of the modal parameters from the decomposed modal responses, Blind Source Separation techniques, robust

mathematical model and so on. The study aims to experimentally validate the blind source separation using ICA method and propose a novel method for identification of the modal parameters from the decomposed modal responses. Based on the robust mathematical model, ICA can calculate the natural frequency and damping ratio effectively using the probability distribution function of the instantaneous natural frequency determined by Hilbert transform of the decomposed modal responses and the change in the output covariance. The mode shapes obtained by ICA method agree with those by the analytical and peak picking methods. Advantage of using ICA is verified by reversing the separate modes obtained by ICA. The restoring of the outcome of ICA results in the original output signal without any deterioration in the data quality

Outcome

The Seminar clearly highlighted the new techniques and method to validate the parameters. Staff Members also got an idea in the validity of the proposed method which paves the way for more effective output-only modal identification for assessment of existing steel-concrete buildings. The ICA and Hilbert transform-based scheme can identify explicitly modal parameters of existing buildings. Finally, discussions were made among faculties in various new techniques. Staff members share their views regarding seminar and gave their feedback.

11.12.20

INTERNAL QUALITY ASSURANCE CELL

REPORT ON HANDS-ON SESSION ON

"VIDEO CREATION AND YOUTUBE STANDARD"

Internal Quality Assurance Cell organized Hands-on session titled "Video creation & Youtube standard" on 09.12.20 between 11.30am and 12.45pm. Mr.M.Aswin, Assistant Professor, Mechanical Department handled the session.

Coverage included creation of Lecture Video sessions, tips to be followed etc. PC stream as well as android stream based tools/ apps suitable for video creation was highlighted during the session. Voice over screen recording feature was highlighted. Free apps and tools was listed during the presentation. Using Powerpoint slide transition effect, creation of video with suitable effects was demonstrated. Also, for problem based subjects inclusion of symbols, equations was highlighted.

Compact storage options, sharing videos, streaming video features was also explained during the session. Tips for Youtube streaming was also shared. HoDs and faculty members from all departments attended the session.

SESSION SCREENSHOT
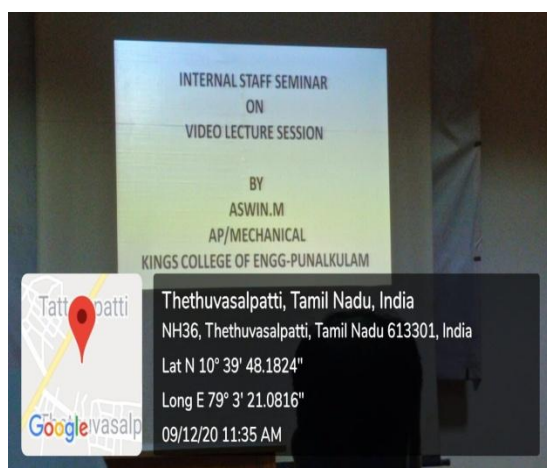
VIEW OF PARTICIPANTS

ACADEMIC YEAR 2020-21 (ODD SEMESTER)

09.12.20

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INTERNAL SEMINAR ON "BLOOM'S TAXONOMY"- REPORT

Internal Staff   seminar on "Bloom's Taxonomy" was organized on 08.12.20 between 12.00 noon to 1.00pm. Ms.K.Abhirami, IQAC Coordinator elaborated on the BT framework. All CSE staff members attended the session.

Importance of   Planning by faculty right from Curriculum implementation, appropriate teaching methodologies and assessment approaches and their relation with BT action verbs were covered.

Need for concentrating on Higher Order Thinking Skills (HOTS) among students, promoting creativity was insisted. Applying and Creative level differences was highlighted during the session.

For all level, commonly used action verbs were highlighted, verbs that needs attention while it is used was also explained. Example questions for all levels were shared during the session.

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Lat N 10° 39' 52.992"
Long E 79° 3' 25.812"
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Aarpudapuram, Tamil Nadu, India
Pudukkottai - Tanjore Rd, Aarpudapuram, Tamil Nadu 613303, India
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DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2020-2021 (ODD SEMESTER)
BLOOMS TAXONOMY SEMINAR REPORT

Date: 08.12.2020   **Time: 03:15 – 04:00 PM**

Background & Objective

Internal Quality Assurance Cell & Department of Civil Engineering had organized, Internal Seminar on BLOOMS TAXONOMY for the Department staff members for better understanding of the BT process.

Seminar Session

A seminar was organized on 08th December 2020 at the Department of Civil Engineering. **Ms.T.BHUVANESWARI**, PAC member/Civil delivered the seminar on BLOOMS TAXONOMY. Since we are already following BLOOMS TAXONOMY in our Assessment Examinations, she clarified about the revisions made in the Blooms taxonomy. She also mentioned the effectiveness of using BT in Assessment Examinations which will be reflected in the Learning outcome. Finally she concluded her seminar with appropriate examples for all the VI Levels.
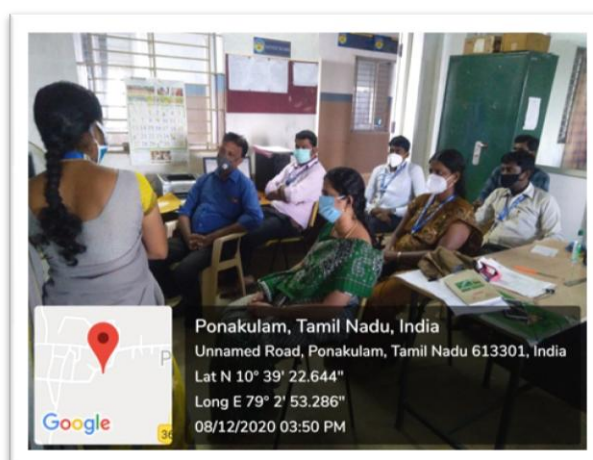
BT SEMINAR SESSION

Outcome

The Seminar clearly highlighted the impact of BLOOMS TAXONOMY in our Assessment exams. Staff Members also got a clear picture about various levels of BT and its usage.

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
ACADEMIC YEAR 2020-21 / EVEN SEMESTER
BT level seminar Report

Date & Venue: 08/12/2020, Hall no.111

Presented by: Mr.S.R.Karthikeyan, AP/EEE

On Behalf of Department of Electrical & Electronics Engineering, Mr.S.R.Karthikeyan, AP/EEE has presented a seminar on "**Bloom's Taxonomy Level** "with the staff members of Department of Electrical & Electronics Engineering.

In this meeting, the following points have been discussed:

➤ Explanation about various BT levels and their applications.

➤ A brief introduction to level 5 and level 6 and discussed the importance.

➤ Explanation about action words under various levels.

➤ Enlisted similarity among few words repeated in BT levels (example: 'choose' – This word repeats in two levels L5 and L6, but the levels vary).

➤ Insisted the faculty members to frame a question paper that covers all BT levels from L1 to L6.

➤ Instructed the faculty members to frame the question paper with proper % in BT level
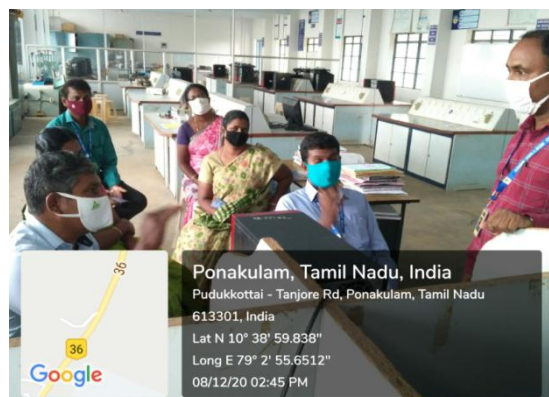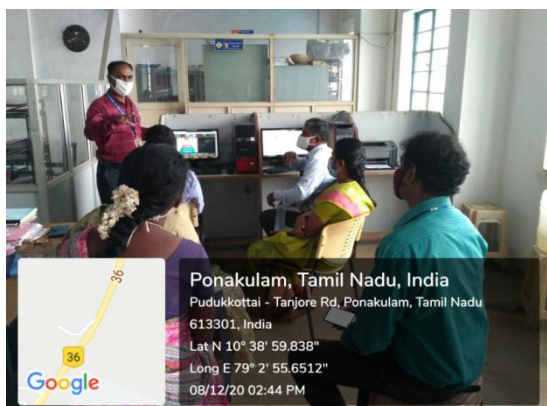
Snapshots from seminar sessions

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ACADEMIC YEAR (2020 -2021) ODD SEM

REPORT

ON

CO-PO-PSO-PEO MAPPING AND IMPLEMENTATION

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ACADEMIC YEAR 2020 -2021 (ODD SEM)

18-12-2020

REPORT ON CO-PO-PSO-PEO MAPPING AND IMPLEMENTATION

In order to strengthen the efforts towards outcome based education, Department level meeting with all the staff members was organized on 16-11-2020 (Monday) between 11.00 a.m to 12.30 p.m at HOD cabin.

Totally 16 staff members attended the session.

Mrs.N.Mangaiyarkarasi, HOD/ECE, discussed the following points during the meet.

In OBE implementation, the first step is to identify, analyze and to confirm the following formats for every regulation. (One time initiative).

1. Program Outcome – Competencies – Performance Indicators
2. Course Articulation Matrix
3. Program Articulation Matrix
4. PO-PEO-PSO attainment analysis (for every batch)

In addition to that, the course attainment analysis, PO mapping & Assessment pattern attainment process were revised by including the following in the course plan.

1. Course Assessment Plan (CAP)
2. Course Outcome Alignment Matrix (COAM)
3. Assessment Paper Quality Matrix (APQM)

Department IQAC member Mrs.D.Vennila, AP/ECE, gave the overview about the CO-PO-PSO-PEO mapping for a course. Department NAAC tack force member Mr.P.Rajapirian, AP/ECE detailed about CAP,COAM and APQM.

Finally, HOD insisted all the staff members to derive the CO-PO mapping for the subjects they have handled during the 2020-2021 odd semester.

The derived CO-PO mapping and implementation was discussed in the department level meeting with all the staff members on 18-11-2020 (Wednesday) between 02.00 p.m to 03.30 p.m at DSP Lab. Totally 16 staff members attended the session.

Department IQAC member, gave the presentation on CO-PO-PSO-PEO mapping for the subject **CS8351- Digital Principles and System Design.**
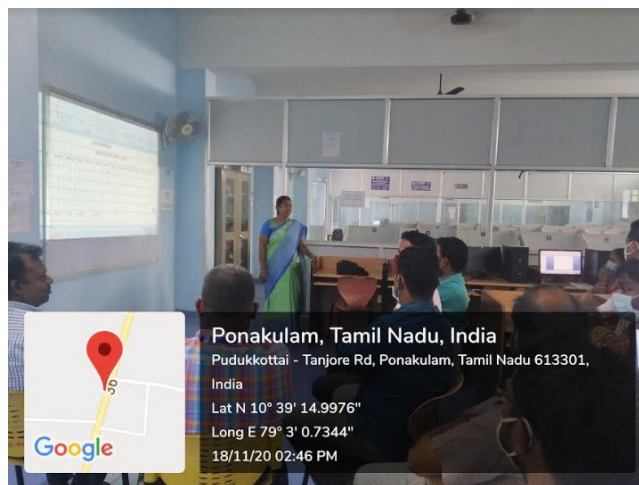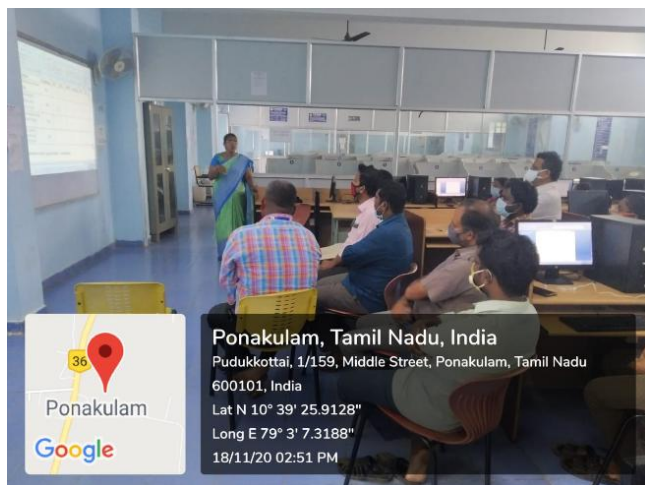
Mrs. D.Vennila, AP/ ECE presenting on CO-PO-PSO-PEO mapping

There are 12 Program Outcomes (POs) and 3 Program Specific Objectives (PSOs) and 3 Program Educational Objectives (PEOs) in the subject.

The course outcome is mapped with performance indicators and then with program outcomes. Then the CO is mapped with PSOs. Finally the **Course Articulation Matrix** is derived.

CS8351-Digital Principles and System Design

S.NO	Course Outcome (CO)	Performance Indicators (PI)	POs	PSOs
CO:1	Simplify Boolean functions using K-Map	1.2.1, 1.3.1, 1.4.1, 2.1.2, 2.1.3, 2.2.4, 2.4.1, 2.4.4, 3.1.6, 3.2.3, 4.1.1,4.2.1	1,2,3,4	1
CO:2	Design and Analyze Combinational and Sequential Circuits	1.3.1, 1.4.1, 2.1.1, 2.1.2, 2.2.3, 2.4.1, 2.4.2, 2.4.3, 2.4.4, 3.1.6, 3.2.2, 3.2.3, 4.1.1,4.1.2, 4.3.1,4.3.3	1,2,3,4	1
CO:3	Implement designs using Programmable Logic Devices	1.3.1, 1.4.1, 2.1.1, 2.1.2, 2.1.3, 2.4.1,2.4.2, 2.4.4, 3.1.6, 3.2.2, 4.1.1, 4.1.2, 4.3.1, 4.3.3, 4.3.4	1,2,3,4	1
CO:4	Write HDL code for combinational and Sequential Circuits	1.3.1, 1.4.1, 3.2.1, 3.3.1, 4.1.2, 4.1.3, 5.1.1, 5.2.2, 5.3.2	1,3,4,5	1,3

S.NO	Course Outcome (CO)	PO-1			PO-2			PO-3			PO-4			PO-5		
		TPI	*MPI*	*MG*	*TPI*	*MPI*	*MG*	*TPI*	*MPI*	*MG*	*TPI*	*MPI*	*MG*	*TPI*	*MPI*	*MG*
CO:1	Simplify Boolean functions using K-Map	5	3	0.6	13	5	0.38	13	2	0.15	10	2	0.20	6	-	-
CO:2	Design and Analyze Combinational and Sequential Circuits	5	2	0.4	13	7	0.53	13	3	0.23	10	4	0.50	6	-	-
CO:3	Implement designs using Programmable Logic Devices	5	2	0.4	13	6	0.46	13	2	0.15	10	5	0.50	6	-	-
CO:4	Write HDL code for combinational and Sequential Circuits	5	2	0.4	13	-	-	13	2	0.15	10	2	0.20	6	3	0.5

PO -6 to PO -12 = Not applicable to the subject.

Mapping Grade = Mapped Performance Indicators / Total Performance Indicators.

Threshold level:

➢ 0 to 33 = 1;   34 to 66=2 ; 67 to100 =3

CO -PO MAPPING

COs	PROGRAM OUTCOMEs – (Pos)											
	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
CO:1	2	2	1	1	-	-	-	-	-	-	-	-
CO:2	1	2	1	2	-	-	-	-	-	-	-	-
CO:3	1	2	1	2	-	-	-	-	-	-	-	-
CO:4	1	-	1	1	2	-	-	-	-	-	-	-
Average	1.25	1.5	1	1.5	0.5	-	-	-	-	-	-	-

Contribution: 1: Reasonable   2: Significant   3: Strong

CO-PSO MAPPING

S.NO	Course Outcomes (COs)	Program Specific Outcomes (PSOs)		
		PSO-1	PSO-2	PSO-3
CO:1	Simplify Boolean functions using K-Map	2	-	-
CO:2	Design and Analyze Combinational and Sequential Circuits	2	-	-
CO:3	Implement designs using Programmable Logic Devices	2	-	-
CO:4	Write HDL code for combinational and Sequential Circuits	1	-	2
	Average:	1.75	-	0.5

Contribution: 1: Slight (Low)   2: Moderate (Medium)   3: Substantial (High)   -: None

2. COURSE ARTICULATION MATRIX:

COs	PROGRAM OUTCOMEs – (POs)												PSOs		
	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12	PSO-1	PSO-2	PSO-3
CO:1	2	2	1	1	-	-	-	-	-	-	-	-	2	-	-
CO:2	1	2	1	2	-	-	-	-	-	-	-	-	2	-	-
CO:3	1	2	1	2	-	-	-	-	-	-	-	-	2	-	-
CO:4	1	-	1	1	2	-	-	-	-	-	-	-	1	-	2
Average	1.25	1.5	1	1.5	0.5	-	-	-	-	-	-	-	1.75	-	0.5
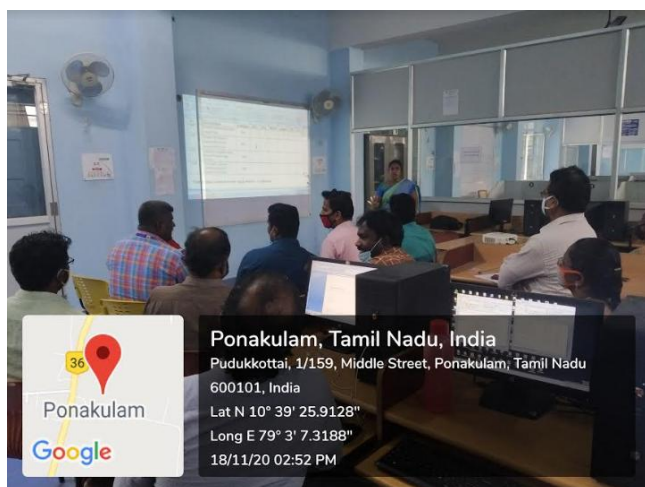
Mapping of CO with Performance Indicators.

COURSE LEVEL (COURSE IN-CHARGES)
Course Assessment Plan (CAP)

Course Name	Digital Principles and System Design
Course Code	CS 8351
Session of Course	60 Periods
L T P C	4 0 0 4
Semester	III
Batch	2019-2023
Faculty Name	Mrs.D.Vennila

Grading Scale	Level of Attainment
Score < 50 %	1
50% to < 70%	2
>= 70%	3

CO	CO Description	Weightage	CAT1	CAT2	MODEL	Assign1.	PCE	AU
CO1	Simplify Boolean functions using K-Map	35%	✓	✓	✓	✓	✓	
CO2	Design and Analyze Combinational and Sequential Circuits	40%	✓	✓	✓	✓	✓	
CO3	Implement designs using Programmable Logic Devices	15%			✓			
CO4	Write HDL code for combinational and Sequential Circuits	10%		✓	✓			

Target : 75 % of students to score > 65 % of marks – CO attainment.

Course Outcome Alignment Matrix (COAM)
COAM is mapping of Assessment questions with BT level (BL) and performance indicator (PI).

Continuous Assessment Test -1:

Q.No.	Question	Marks	CO	BL	PI
1	Convert (475.25)8 to its binary equivalent.	2	CO-1	L-2	1.3.1
2	Convert (101101.1101)2 to decimal and hexadecimal form.	2	CO-1	L-2	1.3.1
3	Define the principle of duality.	2	CO-1	L-1	1.3.1
4	Simplify the following Boolean function to a minimum number of Literals. w'y (w'xz)' + w'xy'z' + wx'y	2	CO-1	L-4	2.1.3
5	State and Prove De Morgan's theorem.	2	CO-1	L-1	1.2.1
6	Show the function Y=AB+B'C +AC in canonical SOP form.	2	CO-1	L-1	2.1.3
7	Show the function Y=A+B'C in canonical POS.	2	CO-1	L-1	2.1.3
8	What is multiplexer? Show the block diagram of 4 : 1 multiplexer.	2	CO-2	L-1	1.3.1
9	Distinguish decoder and demultiplexer.	2	CO-2	L-4	2.2.4
10	Design a combinational circuit with 3 inputs and 1 output. The output is 1 when the binary value of the input is less than 3. The output is 0 otherwise.	2	CO-2	L-6	2.1.2
11.a. (i)	Minimize the following logic function using K-map and draw the logic diagram. F(A,B, C, D) = ∑ m (1, 3, 5, 8, 9, 11, 15) + d(2, 13).	7	CO-1	L-4	2.1.2
11.a. (ii)	Simplify the expression Y(A,B,C) = πM(0,2,4,5,6), Using only NOR-NOR logic.	6	CO-1	L-4	2.2.3
11.b. (i)	Convert (23.625)10 to octal and Hexadecimal.	2	CO-1	L-2	1.4.1
11.b. (ii)	Convert (1010111011101100)2 into its octal and hexadecimal equivalent.	3	CO-1	L-2	1.4.1
11.b. (iii)	Convert (1001010.1101001)2 to base 16 and (231.07)8 to base 10.	4	CO-1	L-2	1.4.1
11.b. (iv)	Convert the given binary number to octal number. (11010101010)	2	CO-1	L-2	1.4.1

11.b. (v)	Convert the given octal number to hexadecimal number. (3456.75)	2	CO-1	L-2	1.4.1
12.a. (i)	Convert the following function into Product of Maxterms. F(A,B,C,D)=(A+B'+C) (B+C+D) (A+B+D)	6	CO-1	L-2	2.1.3
12.a. (ii)	Convert the following function into Product of Minterms. F(A,B,C)=(AB')+(BC)+ (AC)	7	CO-1	L-2	2.1.3
12.b. (i)	Simplify the following expression using K-map method. F(A,B,C,D) = Σm(0,2,3,5,7,8,9,10,11,13,15).	6	CO-1	L-4	2.1.3
12.b. (ii)	Simplify the following expression using K-map method. F(A,B,C,D) = Σm (0,2,4,6,8,10,13,15) + Σd(1,3,7)	7	CO-1	L-4	2.1.3
13.a.(i)	Define and design a half subtractor circuit using basic gate.	6	CO-2	L-1	3.1.6
13.a(ii)	Define and design Full Subtractor using logic gates.	7	CO-2	L-1	3.1.6
13.b	What is a combinational circuit? Design a combinational circuit with three inputs, x,y and z, and the three outputs, A, B and c. When the binary input is 0,1,2 or 3, the binary output is one greater than the input. When the binary input is 4, 5,6, or 7, the binary output is one less than the input.	13	CO-2	L-1	4.1.2
14.a.	Design and explain the 2 bit Magnitude comparator with a neat logic diagram.	13	CO-2	L-5	2.2.3
14.b	Minimize the following logic function using K-maps and realize using NAND and NOR gates. F(A,B, C, D) = Σ m (1, 2, 3, 5, 8, 9, 10, 11, 14, 15).	13	CO-1	L-6	2.2.3
15.a.(i)	Implement the following Boolean function using only one 4:1 Multiplexer. F(A,B,C,D) = Σm(1, 2, 3, 6, 7, 8, 11, 12, 14)	7	CO-2	L-3	4.1.2
15.a.(ii)	Choose a suitable Multiplexer to implement the following Boolean function. F(A,B,C,D) = A B' D + A'C' D + B' C D' + A C' D	6	CO-2	L-3	2.4.1
15.b(i)	Build the circuit for 3 to 8 decoder and explain.	7	CO-2	L-5	3.2.2
15.b(ii)	Explain in detail about the serial adder and serial	6	CO-1	L-5	2.4.2
16.a	Make use of the necessary diagram and explain the Hamming code with an example.	15	CO-2	L-3	3.2.2
16.b	Design and construct the half adder and full adder circuit using necessary logic gates.	15	CO-2	L-6	3.1.6

Assessment Paper Quality Matrix (APQM)

PART	Level-1	Level-2	Level-3	Level-4	Level-5	Level-6
A	3,5,6,7,8	1,2		4,9		10
B	13(a),13(b)	11(b),12(a)	15(a)	11(a),12(b),	14(a),15(b)	14(b)
C			16(a)			16(b)
TOTAL	17 %	17 %	17 %	17 %	17 %	15 %
Distribution	34%		34%		32%	

The Review meeting with Principal, Vice Principal, IQAC Coordinator and all the staff members was organized on 20-11-2020 (Friday) between 01.30 p.m to 04.30 p.m at Pallava Hall.

All the 17 staff members attended the review meeting.

Mrs.D.Vennila,AP/ECE, Mr.R.Balakrishnan, AP/ECE, Mr.S.sivakumar, AP/ECE, Mr.K.Sudarsanan,AP/ECE gave presentation on CO-PO-PSO-PEO mapping and implementation for their subjects.
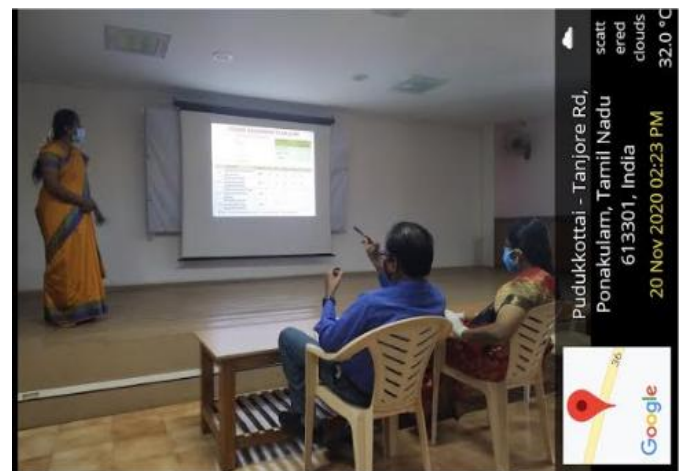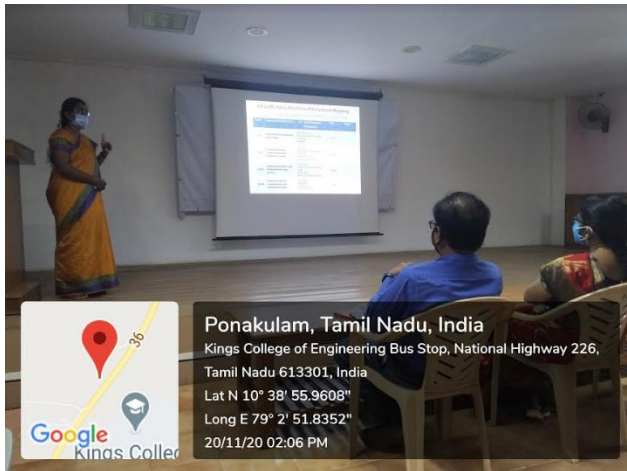
Mrs.D.Vennila,AP/ECE, gave presentation on CS8351 – Digital Principles and System Design

Mr.R.Balakrishnan, AP/ECE presenting the CO-PO-mapping for Antennas and Microwave Engg
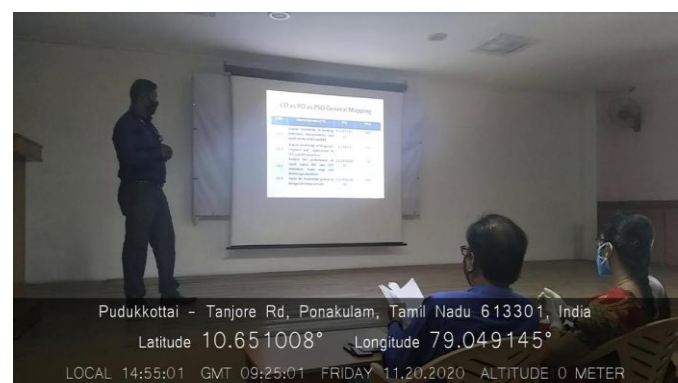
Mr.S.sivakumar, AP/ECE explaining the CO-PO-mapping for Electronic Circuits-I
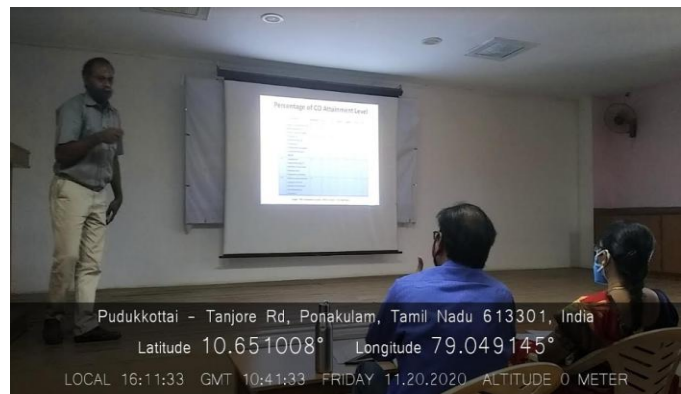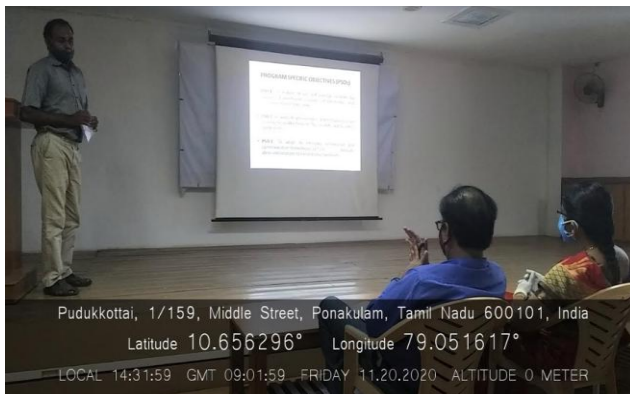
Mr.K.Sudarsanan,AP/ECE gave presentation on CO-PO mapping for Signals and Systems

Staff members gave their views during the presentation.

Finally, some modifications and suggestions were given by the Principal, Vice Principal and IQAC coordinator. And also they insisted to correct it and finalize the final version of CO-PO mapping at department level with all the department staff members.

Final Department level meeting with all the staff members was organized on 02-12-2020 (Wednesday) between 11.00 a.m to 12.30 p.m at DSP Lab to finalize the final version of CO-PO-PSO-PEO mapping and implementation of CAP, COAM & APQM.
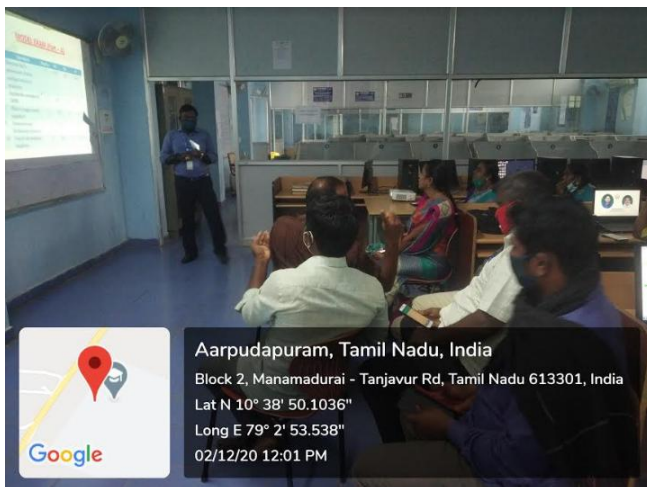
Mr.W.Newton David Raj, AP/ECE presenting the CO-PO mapping for Electronic Devices.
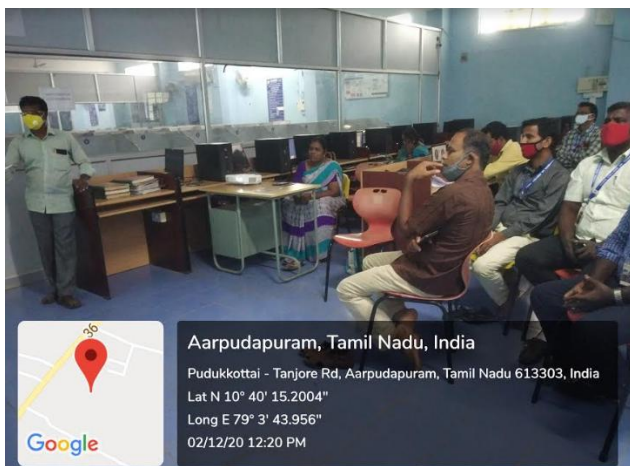
Mr.R.Thandayuthapani, AP/ECE presenting the CO-PO mapping for Microprocessor.
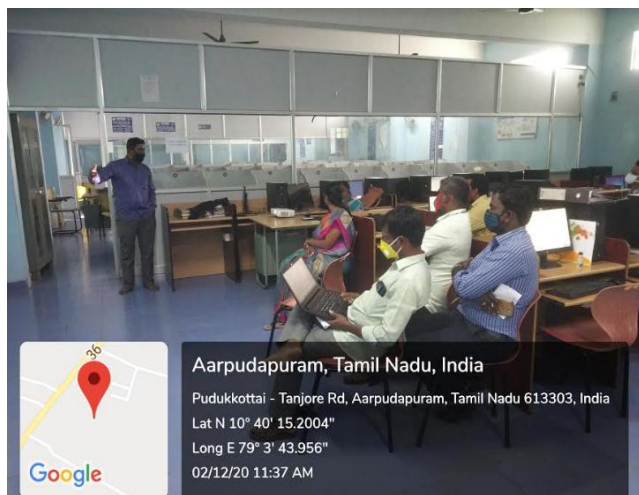
Mr.*S.Sivakumar, AP/ECE presenting the CO-PO-mapping for Electronic Circuits-I*
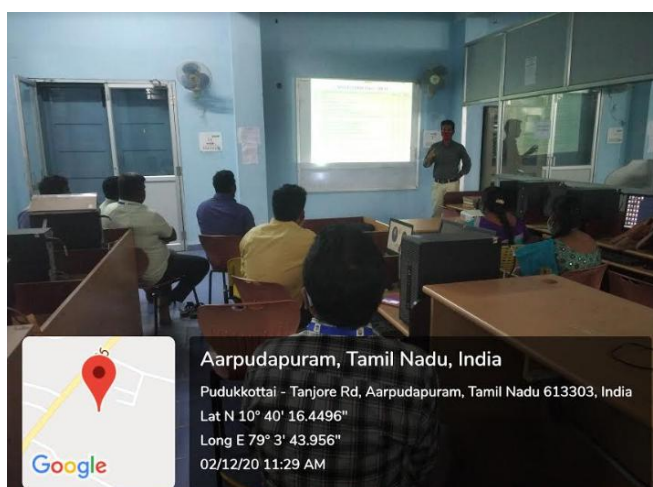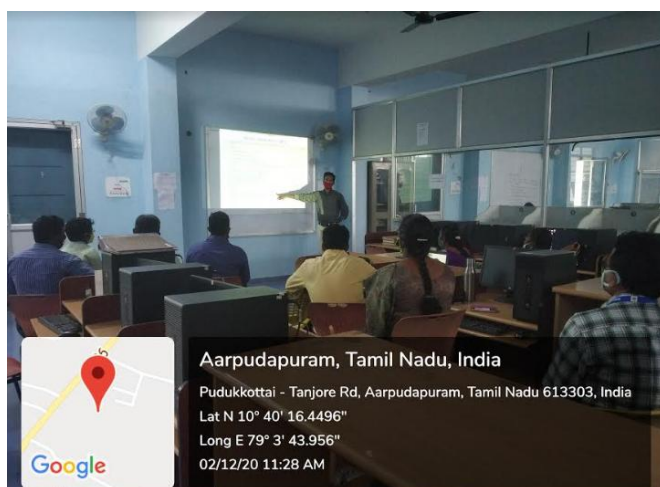
Mr.*T.Pasupathi, AP/ECE presenting the CO-PO-mapping for Optical communication.*

Finally, HOD asked to complete the final version of CO-PO mapping and she insisted to attach the CO-PO-PSO-PEO mapping and implementation of CAP, COAM & APQM in their respective subject course plan to get approval.

Mrs.N.Mangaiyarkarasi, HOD/ECE discussed the final version of CO-PO mapping with all the staff members.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ACADEMIC YEAR (2020 -2021) ODD SEM

REPORT

ON

INTERNAL STAFF SEMINAR

(BLOOMS TAXONOMY)

(02-12-2020)
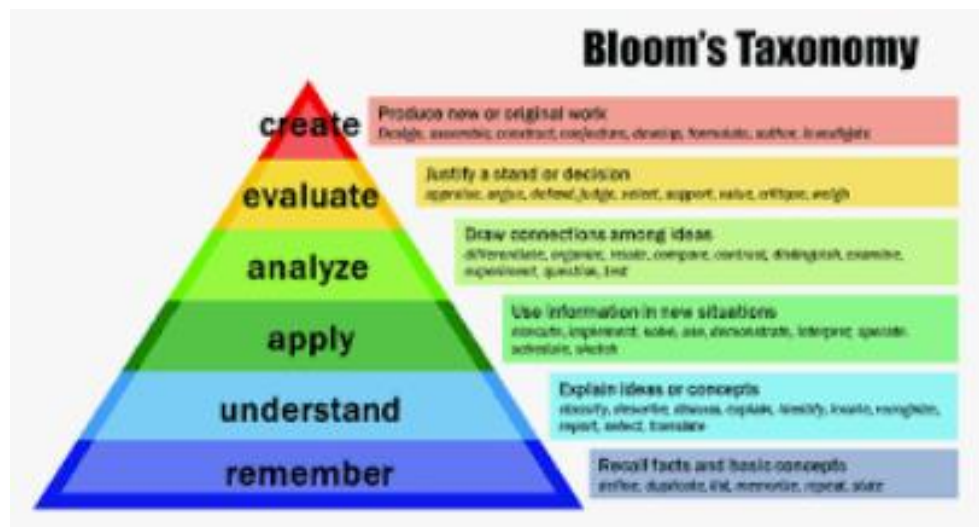
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ACADEMIC YEAR 2020 -2021 (ODD SEM)

04-12-2020

REPORT ON INTERNAL STAFF SEMINAR on BLOOMS TAXONOMY

In KCE, department of Electronics and Communication Engineering, has organized an internal staff seminar on "Blooms Taxonomy" for ECE faculty members on 02-12-2020 (Wednesday) in DSP lab between 10.30 a.m to 11.30 a.m.

Totally 14 staff members have enthusiastically attended the session.

The seminar mainly focuses on the various levels of Blooms Taxonomy such as Remembering, understanding, Applying, Analyzing, Evaluating and Creating and how to take question paper based on this Blooms Taxonomy.

Mrs.D.Vennila, IQAC member of ECE, explained clearly about the Question paper setting for Continuous Assessment Test and Model Exam based on the Bloom's Taxonomy for both theory paper and problematic papers.

For a sample, one theory question paper and one problematic question paper was explained.

OR0551- Renewable Energy Sources – Theory paper.

CS 8351 – Digital Principles and System Design – Problematic Paper.

Discussions were also carried out with all the staff members for these question papers.

The clarifications regarding the questions under creative level and evaluating level, BT words were also rectified.
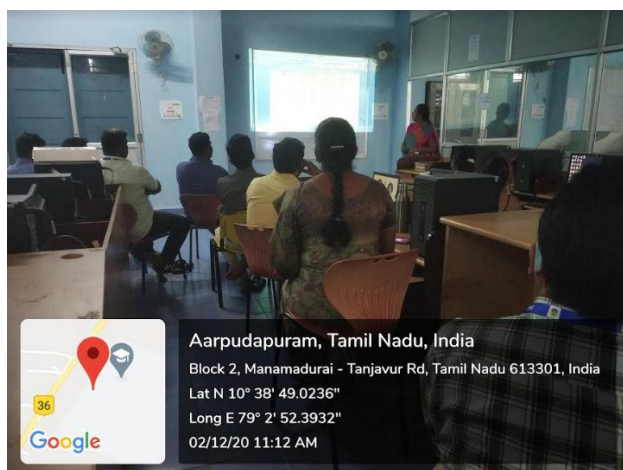
Mrs. D.Vennila, AP/ ECE handling the session on Blooms Taxonomy

Finally we all had an idea to set the question papers according to Blooms Taxonomy.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC YEAR 2020-21(ODD SEM)

INTERNAL STAFF TECHNICAL SEMINAR

17.02.2021

Department of Electronics and Communication Engineering & IEEE Students Branch STB 16621jointly organized a Internal Staff Technical Seminar **Researches in Agriculture** on 15.02.2021. Mrs.N.Mangaiyarkarasi, HOD/ECE welcomed the faculties. **Mr.P.Raja Pirian**, Assistant Professor /ECE delivered lecture. In his lecture, he briefed the difficulties faced by the formers during the farming and the real-time applications which include sophisticated technologies such as hydroponics, aeroponics, robots, temperature and moisture sensors, aerial images, GPS technology and also he briefed the recent developments in agricultural/farming.

Mr.P.Raja Pirian, AP/ECE, delivering the lecture.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC YEAR 2020-21(ODD SEM)

INTERNAL STAFF TECHNICAL SEMINAR

03.03.2021

Department of Electronics and Communication Engineering & IEEE Students Branch STB 16621jointly organized a Internal Staff Technical Seminar *Internet of Things Applications for Connected Vehicles and Intelligent Transport Systems* on 02.03.2021. Mrs.N.Mangaiyarkarasi, HOD/ECE welcomed the faculties. **Mr.S.Sivakumar**, Assistant Professor /ECE delivered lecture. In his lecture, he briefed the Fundamentals and applications of IoT and Cloud computing. Also he briefed the real time controlling of Vehicles to Vehicles (V2V) and Vehicles to Infrastructure (V2I) through IOT.
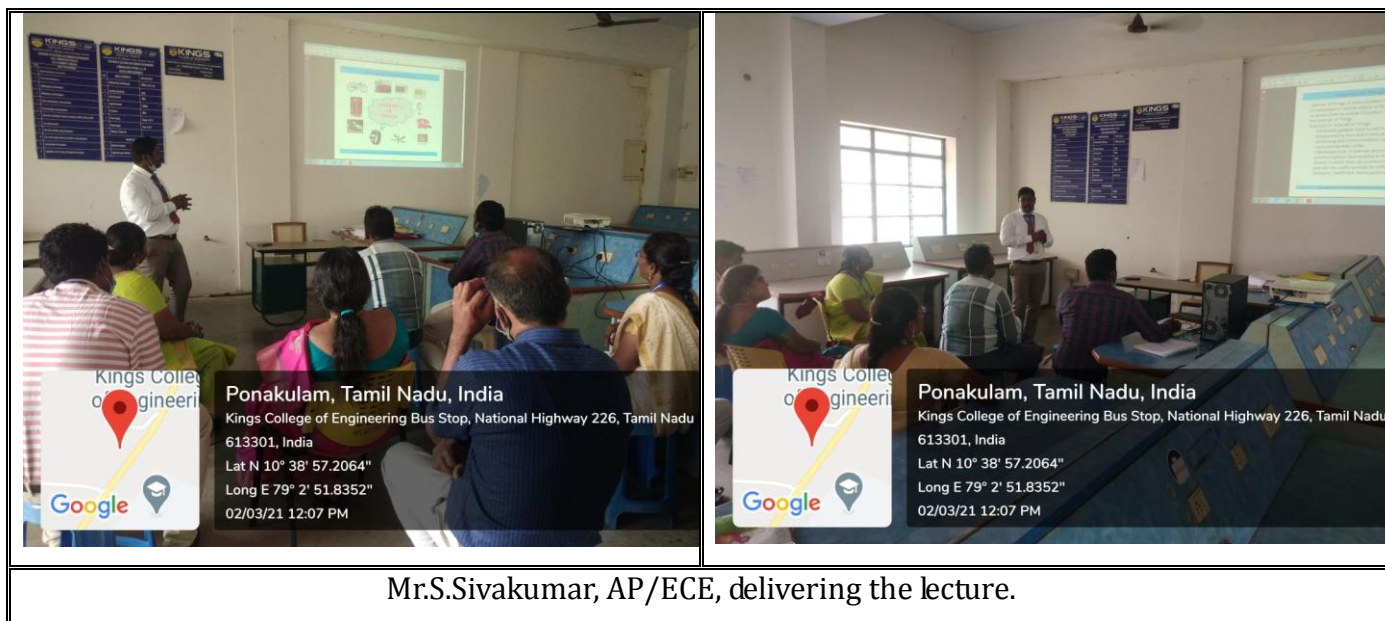
Mr.S.Sivakumar, AP/ECE, delivering the lecture.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC YEAR 2020-21(ODD SEM)

<u>INTERNAL STAFF TECHNICAL SEMINAR</u>

06.02.2021

Department of Electronics and Communication Engineering & IEEE Students Branch STB 16621jointly organized a Internal Staff Technical Seminar **Research Paper Writing: Preparation to Publication** on 30.01.2021. Mrs.N.Mangaiyarkarasi, HOD/ECE welcomed the faculties. **Mr.T.Pasupathi**, Assistant Professor /ECE delivered lecture. In his lecture, he briefed Significance and impact of Journal/Conference publication in reputed journals, strategies to be followed while writing the manuscript, Writing Manuscript- Do's and Dont's, Selecting a journal for publication, Different Indexing of journals and its significance and Journal citation factors and metrics (Impact Factor, SNIF, h-index, i10 index).
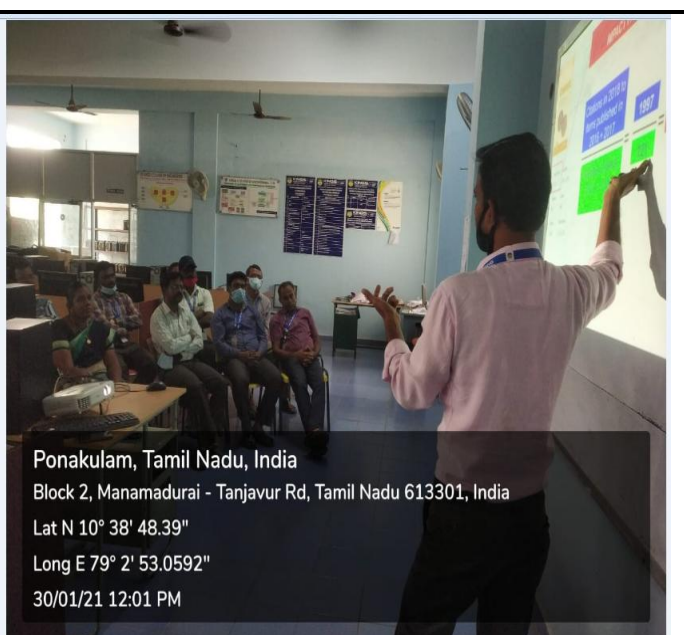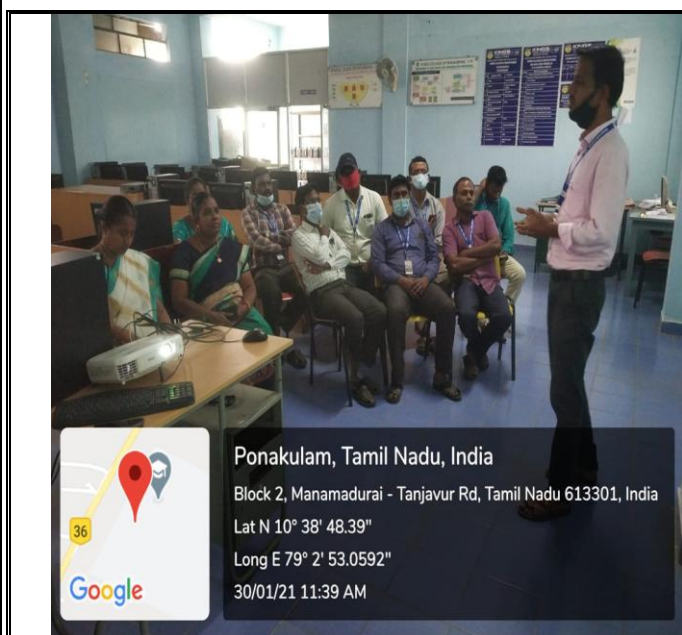
Mr.T.Pasupathi, AP/ECE, delivering the lecture.

DEPARTMENT OF MECHANICAL ENGINEERING
ACADEMIC YEAR 2020-21 / ODD SEMESTER
BT level seminar Report

Date & Venue: 08/12/2020, Hall no.203

Presented by: Dr.PP.Shantharaman, Assoc. Prof/Mechanical

On Behalf of Department of Mechanical Engineering, Dr.PP.Shantharaman, Assoc.Prof/Mechanical has presented a seminar on "**Bloom Taxonomy Level** "with the staff members of Department of Mechanical Engineering.

In this meeting, the following points have been discussed:

➢ Explanation about various BT levels and their applications.
➢ A brief introduction to level 5 and level 6 and discussed the importance.
➢ Explanation about action words under various levels.
➢ Enlisted similarity among few words repeated in BT levels (example: 'choose' – This word repeats in two levels L5 and L6, but the levels vary).
➢ Insisted the staff members to frame a question paper that covers all BT levels from L1 to L6.
➢ Instructed the staff members to frame the question paper with proper % in BT level
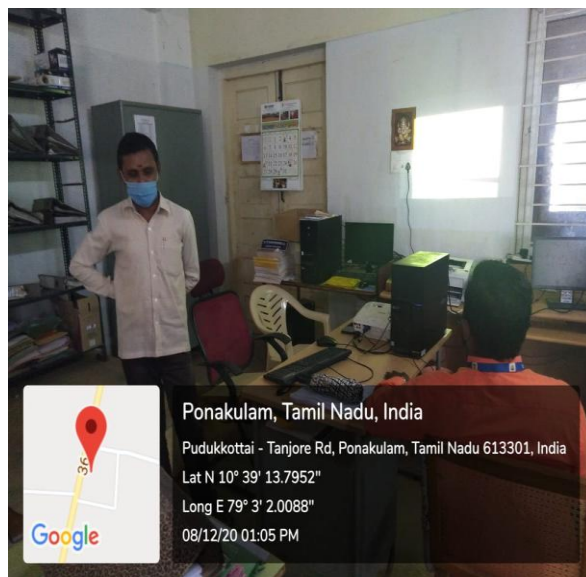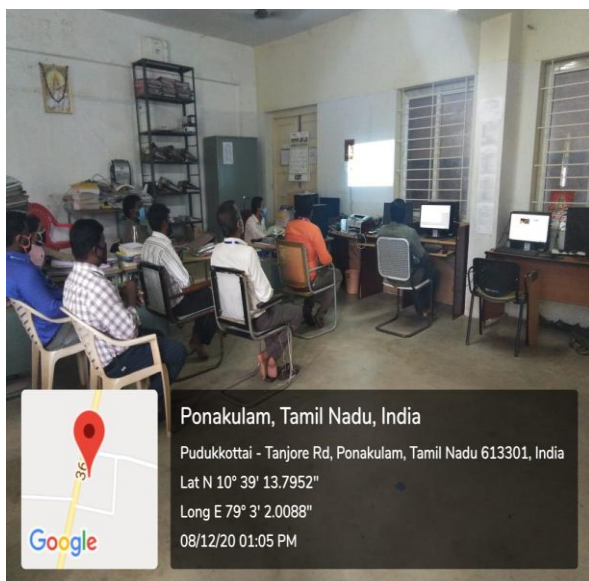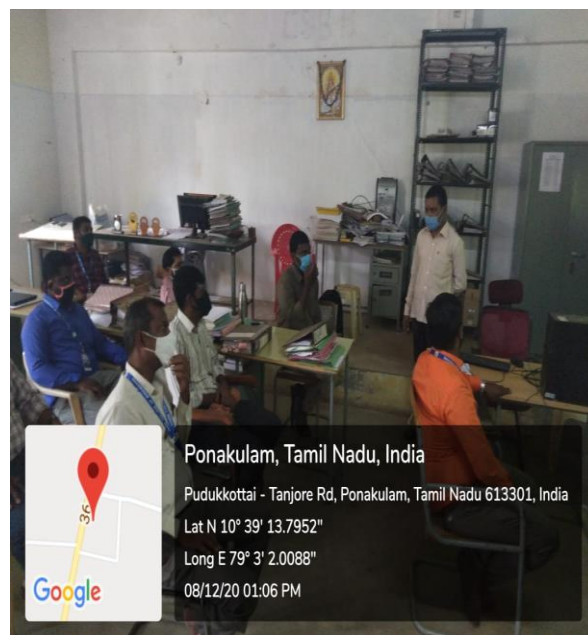
Snapshots from the Seminar session

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
ACADEMIC YEAR 2020-21 / ODD SEMESTER
PO, PSO mapping and Process Report

Date & Venue: 21/11/2020, PALLAVA HALL

Name of the Event: Review meeting

Presented by: Staff members of Department of EEE

On Behalf of Department of EEE, faculty members of Department of Electrical & Electronics Engineering has presented their individual Course Articulation Matrix, Assessment Paper Quality Mapping, Course outcome Alignment Matrix and Course Assessment Plan in front of Respected Principal and Vice Principal.

In this meeting, the following points have been discussed:

➢ Presented the syllabus of EEE (Regulation 2017).
➢ Presented the course objective of their individual course
➢ A brief introduction to PO'S of the Department.
➢ Explanation about program indicators under various levels.
➢ Discussed on how the mapping made among the CO's with the Department PO's and PSO's.
➢ Discussed on how the CO's mapped with their Course plan.
➢ Explained about framing the Course Articulation Matrix (CAM), Course Assessment Plan (CAP) and Course Outcome Articulation Matrix (COAM) with various program indicators and BT levels with their justification.

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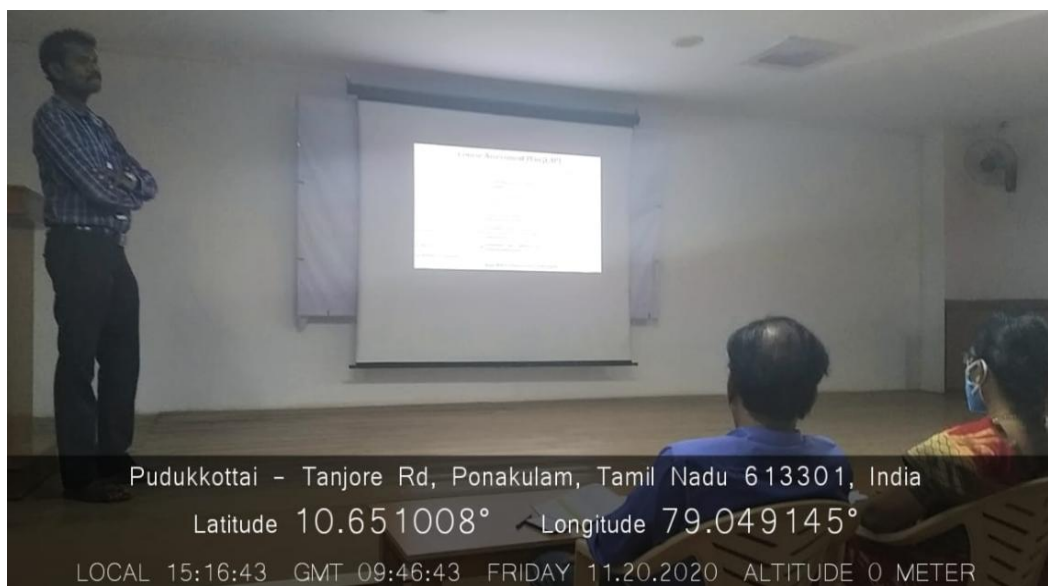
Snapshots of the meeting held

Date & Venue: 11/12/2020, Hall no.111

Name of the Event: "**PO, PSO MAPPING",** a department level presentation

Presented by: S.R.Karthikeyan, AP/EEE

On Behalf of Department of Electrical & Electronics Engineering, Mr.S.R.Karthikeyan, AP/EEE has presented a seminar on "**PO, PSO MAPPING**" with the staff members of Department of EEE.

In this meeting, the following points have been discussed:

➢ Explanation about various PO levels and their applications.
➢ A brief introduction to PSO'S and discussed the importance.
➢ Explanation about program indicators under various levels.

- ➢ Enlisted similarity among few sentences repeated in PI levels and clarified the justification to specific CO among them.
- ➢ Insisted the staff members to frame a question paper that covers all BT levels from L1 to L6.
- ➢ Instructed the staff members to frame the Course Articulation Matrix (CAM), Course Assessment Plan (CAP) and Course Outcome Articulation Matrix (COAM).

Snapshots from the Seminar session

DEPARTMENT OF MECHANICAL ENGINEERING

ACADEMIC YEAR 2020-21 / ODD SEMESTER

PO,PSO mapping and Process Report

Date & Venue: 18/11/2020, Hall no.203

Name of the Event: "**PO, PSO MAPPING – AN INTRODUCTION",** a department level presentation

Presented by: ASWIN.M, Asst. Prof/Mechanical

On Behalf of Department of Mechanical Engineering, Mr.M.ASWIN, Asst.Prof/Mechanical has presented a seminar on "**PO, PSO MAPPING – AN INTRODUCTION**" with the staff members of Department of Mechanical Engineering.

In this meeting, the following points have been discussed:

➢ Explanation about various PO levels and their applications.
➢ A brief introduction to PSO'S and discussed the importance.
➢ Explanation about program indicators under various levels.
➢ Enlisted similarity among few sentences repeated in PI levels and clarified the justification to specific CO among them.
➢ Insisted the staff members to frame a question paper that covers all BT levels from L1 to L5.
➢ Instructed the staff members to frame the Course Articulation Matrix (CAM), Course Assessment Plan (CAP) and Course Outcome Articulation Matrix (COAM).
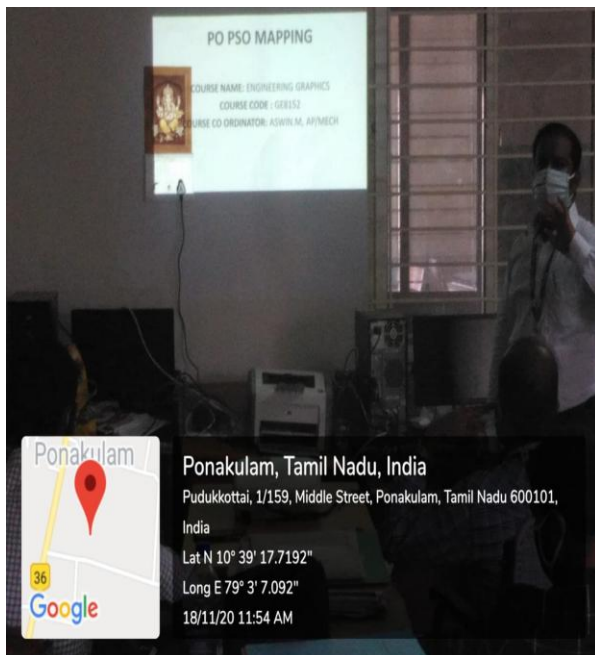
Snapshots from the Seminar session

Date & Venue: 21/11/2020, PALLAVA HALL

Name of the Event: Review meeting, Trial 1

Presented by: Staff members of Department of Mechanical Engineering

On Behalf of Department of Mechanical Engineering, Staff members of Department of Mechanical Engineering has presented their individual Course Articulation Matrix, Assessment Paper Quality Mapping, Course outcome Alignment Matrix and Course Assessment Plan infront of Respected Principal and Vice Principal.

In this meeting, the following points have been discussed:

➢ Presented the syllabus of Mechanical Engineering (Regulation 2017).
➢ Presented the course objective of their individual course
➢ A brief introduction to PO'S of the Department.
➢ Explanation about program indicators under various levels.
➢ Discussed on how the mapping made among the CO's with the Department PO's and PSO's.
➢ Discussed on how the CO's mapped with their Course plan.
➢ Explained about framing the Course Articulation Matrix (CAM), Course Assessment Plan (CAP) and Course Outcome Articulation Matrix (COAM) with various program indicators and BT levels with their justification.

Snapshots of the meeting held

Date & Venue: 27/11/2020, PALLAVA HALL

Name of the Event: Review meeting, Trial 2

Presented by: Staff members of Department of Mechanical Engineering

With suggestions from the Review meeting, Trial 1, Staff members of Department of Mechanical Engineering has presented their improved version of CO, PSO, PO mapping infront of Respected Principal and Vice Principal.

In this meeting, the following points have been discussed:

➢ Presented the syllabus of Mechanical Engineering (Regulation 2017).
➢ Presented the course objective of their individual course.
➢ A brief introduction to PO'S and improved version of PSO's with the effective feedback from The Principal and The vice Principal.
➢ Explanation about improved program indicators under various levels.
➢ Discussed on how the mapping made among the CO's with the Department PO's and PSO's. Also discussed how the suggestions from the previous trials implemented in the presentation.
➢ Explained about framing the Course Articulation Matrix (CAM), Course Assessment Plan (CAP) and Course Outcome Articulation Matrix (COAM) with various program indicators and BT levels with their justification. Also discussed how the suggestions from the previous trials implemented in the presentation.

Snapshots of the session

DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2020-2021 (ODD SEMESTER)
CO-PO MAPPING - PROCESS REPORT

Background & Objective

Outcome-based education (OBE), also known as standards-based education, is an educational theory that bases each part of an educational system around goals (outcomes). By the end of the educational programme, each student should have achieved the goal. In order to strengthen OBE practice, it is necessary to amend Course Outcome (CO) and Programme outcome (PO).

Draft Session on CO-PO Mapping

Draft session on CO-PO mapping was presented by Mr.K.Arun, IQAC member/Civil to the department staff members on 17.11.2020. In the Drafting session department Programme outcome (PO), Programme specific outcome (PSO), Programme Educational objectives (PEO), Course Outcome (CO) were summarized and CO-PO mapping was clarified to the staff members.

DRAFT SESSION 17.11.2020

CO-PO Mapping Presentation at Seminar Hall

In continuation to the draft session, Staff members were asked to prepare CO-PO Mapping, CO Attainment, Course Articulation Matrix and Assessment paper quality matrix for their corresponding subjects. Department level presentation was organized at the Seminar hall (PALLAVA HALL) on 18.11.2020. Ms.M.Priya, AP/Civil, Mr.R.Sundharam, AP/Civil & Mr.K.Arun, AP/Civil presented the CO-PO mapping for their respective subjects. The presentation was monitored by Principal, Vice Principal, Hod's of various departments and IQAC coordinator. Suggestions and Feedback were given by the expert members for the betterment of the CO-PO Mapping.
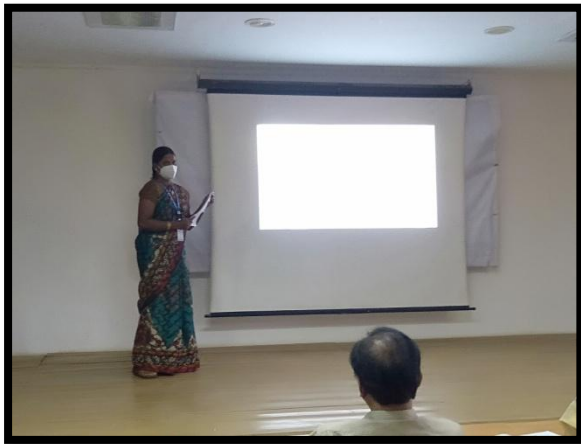
PRESENTATION AT PALLAVA HALL ON 18.11.2020

CO-PO Mapping Presentation at Department

Form the feedback and suggestions given by Principal, Vice Principal, Hod's and IQAC coordinator changes were made in the CO-Po mapping and again department level presentation were done by staff members for their corresponding subjects.
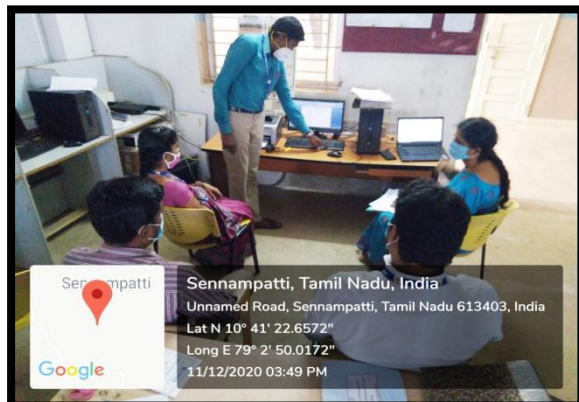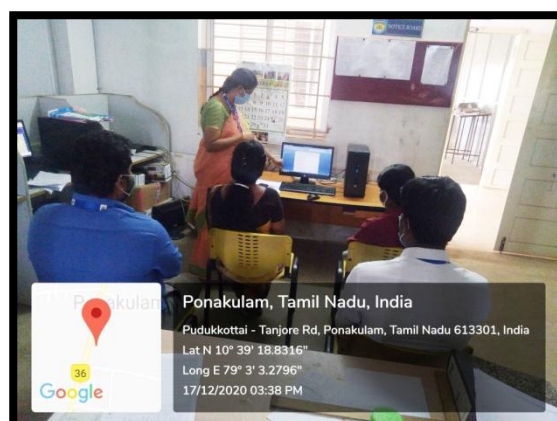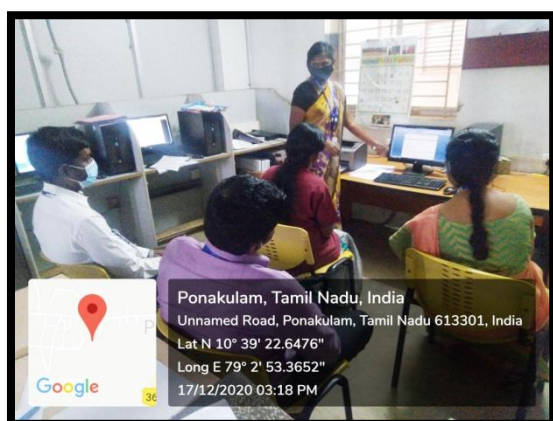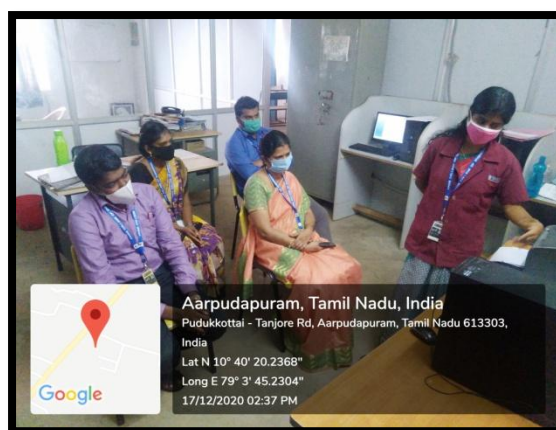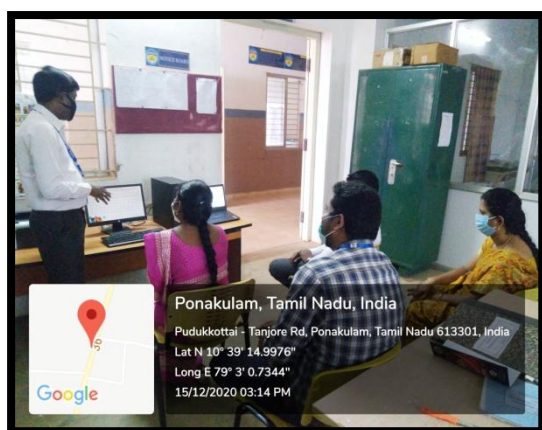
CO-PO MAPPING PRESENTATION AT DEPARTMENT

<u>Outcomes</u>

The staff members got a clear overview of Programme outcome (PO), Programme specific outcome (PSO), Programme Educational objectives (PEO), Course Outcome (CO) and the importance of proper CO-PO Mapping for obtaining OBE.

ACADEMIC YEAR 2020-21 (ODD SEMESTER)
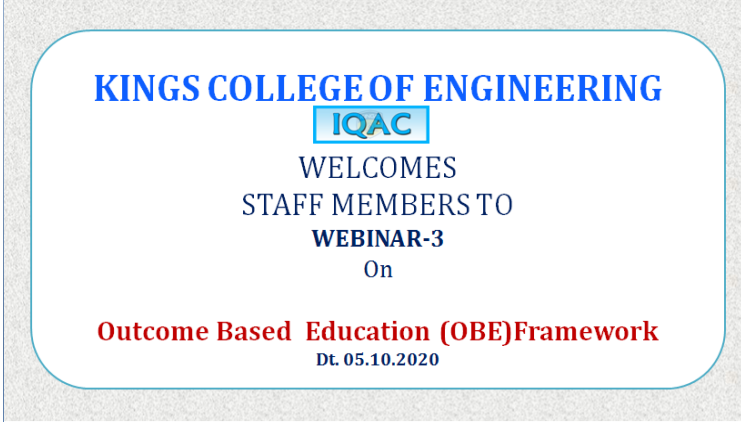
28.10.20

INTERNAL QUALITY ASSURANCE CELL
REPORT ON INTERNAL WEBINAR SERIES

Series of Internal Webinars was planned and organized by Internal Quality Assurance Cell during the month of September and October. NAAC revised accreditation framework, Outcome Based Education, Criterionwise strengthening aspects were covered during the webinar.

Principal Dr.J.Arputha Vijaya Selvi highlighted on the quality aspects and insisted for practical approaches in teaching-learning. Vice-Principal Dr.S.Sivakumar insisted on utilization of online resources and also handled session on criterion 4. IQAC Coordinator Ms.K.Abhirami, handled webinar series. Sessions were handled online mode through google meet platform between 12.30pm -2.00pm. Faculty members from all departments attended the webinar series.

Date	Coverage	Presentation Session snap
09.09.20	NAAC accreditation framework Criteria -I	
10.09.20	NAAC – Criteria-II	

Date	Coverage	Presentation Session snap
05.10.20	Outcome Based Education	KINGS COLLEGE OF ENGINEERING IQAC WELCOMES STAFF MEMBERS TO WEBINAR-3 On Outcome Based Education (OBE)Framework Dt. 05.10.2020
21.10.20	Criteria-V, VI	KINGS COLLEGE OF ENGINEERING IQAC WELCOMES STAFF MEMBERS TO WEBINAR-4 On NAAC CRITERION 5,6 Dt. 21.10.2020
27.10.20	Criteria-IV, VII, OBE Implementation	KINGS COLLEGE OF ENGINEERING IQAC WELCOMES STAFF MEMBERS TO WEBINAR-5 On OBE Implementation and Criterion-7 Dt. 27.10.2020

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CERT
ISO 9001

DEPARTMENT OF MECHANICAL ENGINEERING
Academic year 2020-21 (ODD)
Internal staff seminar Report

Title: Recent Trends in Power Plant Engineering
Staff Name: Dr.T.Pushparaj

Internal staff seminar about "Recent trends in Power plant engineering" was arranged for final year Mechanical Students on 24/09/2020 at 03.00 pm. Dr T.Pushparaj gave the on line seminar in Google meet platform. About 76 final year Mechanical students were participated and gained the knowledge.

The important seminar points were given below
- Introduction to Rankine cycle and its events.
- Schematic diagram of the boiler.
- Discussed about various types of boilers.
- An introduction to co generation power plants.
- Briefly explained the role of Diesel power plant.
- Explained the working of gas turbines.
- Advantages & disadvantages of nuclear energy.
- Recent trends in power plants especially renewable energy.
- Importance of hydel power plant.
- Latest innovations in wind turbine power plants.
- Advancements in Tidal power plants.

Snapshots of the seminar
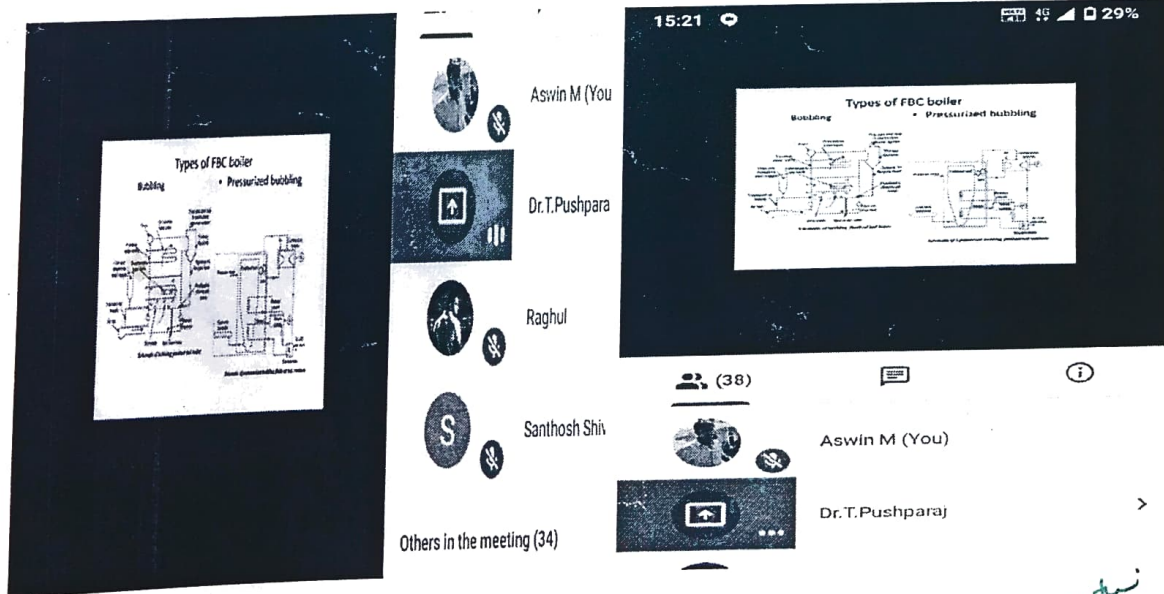
T. Pushparaj
HoD/MECH 29/9/2020

J. Pushparaj
29/9/2020
PRINCIPAL

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CERT
ISO 9001

Department of Electrical & Electronics Engineering
Academic year 2020-21 (ODD)
Internal staff Webinar Report – Google Classroom
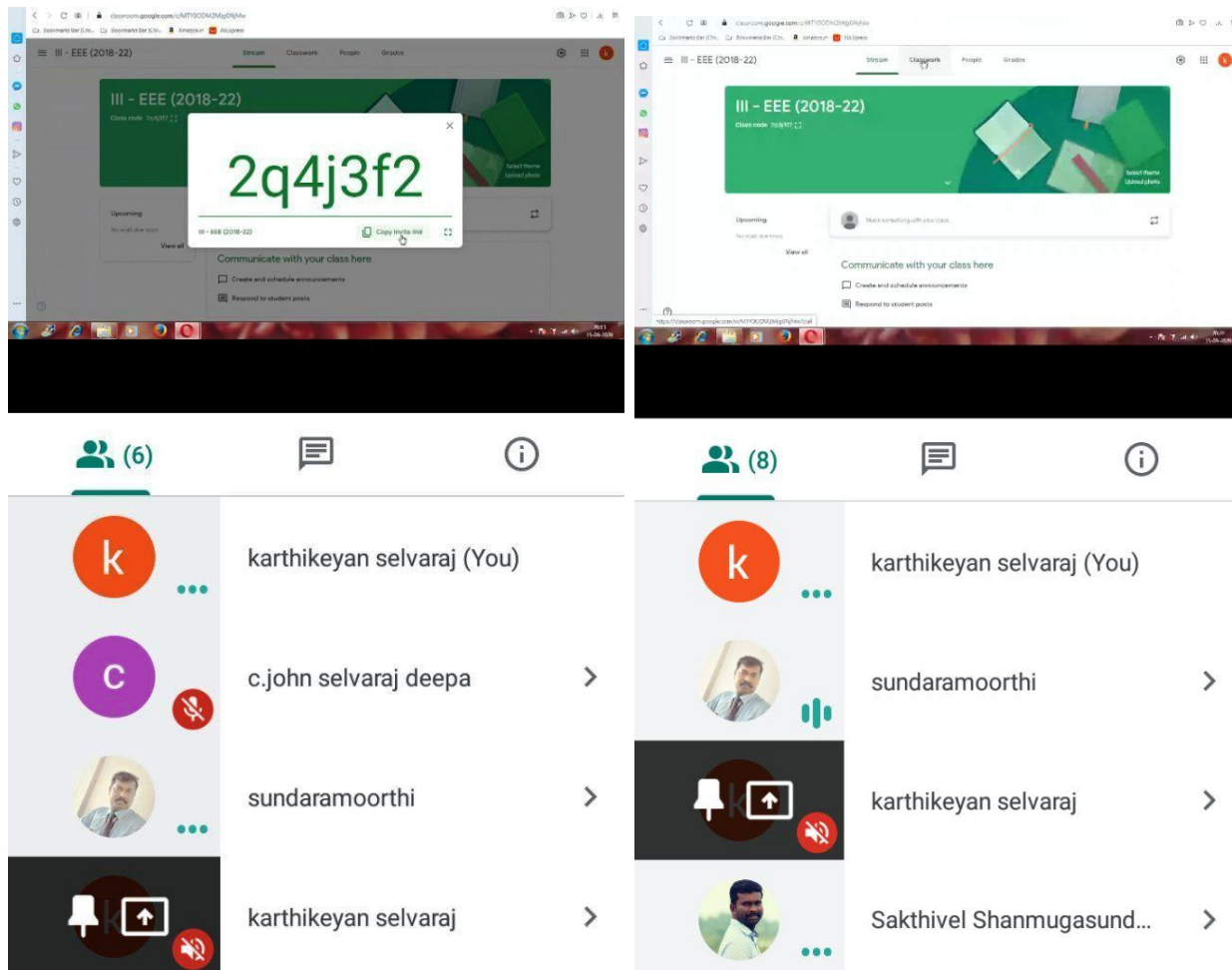
Google classroom usage was discussed with the staff members of Department of Electrical & Electronics Engineering on 15/09/2020. Some of the salient features of Google Classroom were discussed in the meeting.

1. Google Classroom is easy to use. Compared to other LMS (Learning Management Systems) that have been popular over the past decade, Google Classroom is amazingly simple.

2. Google Classroom helps to communicate more efficiently. Enter the email addresses of the students just once, and classroom communication is done. Just by entering the student in the classroom, the teacher has an email group, a discussion group, and a Google Calendar automatically created. And it's easy to add and remove students from the class as necessary.

3. Google Classroom helps you to communicate more effectively. Probably more important than being easy to use and efficient, the communication tools are also very effective. Because it is all Cloud-based, there is no more "losing" of assignments by students. If a student is absent, communication is seamless. Just last month, Google Classroom added a parent notification feature to keep parents informed about what is going on in the "classroom."

4. Google Classroom is more cost-effective and better for the environment. If every student has a device that connects to the Internet already, every sheet of paper that we save only makes the school more efficient and more environmentally responsible.

Department of Mechanical Engineering
Academic year 2020-21 (ODD)
Internal staff seminar Report

Date & time : 12.09.2020 & 11.15 am
Venue : Room no.203

Meeting regarding Google classroom usage has been discussed before staff members of Department of Mechanical Engineering on 12/09/2020 at 11.15 a.m. Here few points are discussed:

1. Google Classroom is easy to use. Compared to other LMS (Learning Management Systems) that have been popular over the past decade, Google Classroom is amazingly simple.

2. Google Classroom helps you to communicate more efficiently. You enter the email addresses of the students just once, and classroom communication is done. Just by entering the student in the classroom, the teacher has an email group, a discussion group, and a Google Calendar automatically created. And it's easy to add and remove students from the class as necessary.

3. Google Classroom helps you to communicate more effectively. Probably more important than being easy to use and efficient, the communication tools are also very effective. Because it is all Cloud-based, there is no more "losing" of assignments by students. If a student is absent,

communication is seamless. Just last month, Google Classroom added a parent notification feature to keep parents informed about what is going on in the "classroom."

4. Google Classroom is more cost-effective and better for the environment. If every student has a device that connects to the internet already, every sheet of paper that we save only makes the school more efficient and more environmentally responsible.

5. A tutorial on Google classroom has been prepared and uploaded on YouTube and shared with students as well as staff members. The link is : https://youtu.be/uMxj_GcOwnc

Snapshots of the video

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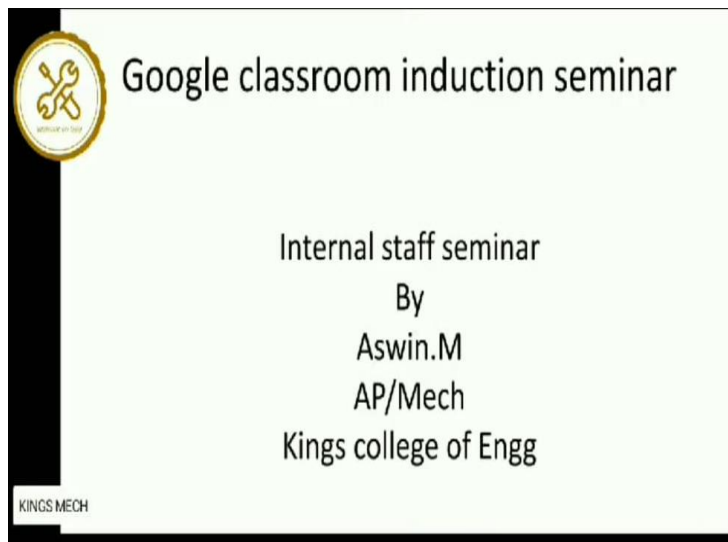
IQAC

ACADEMIC YEAR 2020-21   12.07.20
INTERNATION WEBINAR ON
"Innovative Teaching Methodologies"
Programme Report

INTERNAL QUALITY ASSURANCE CELL **(IQAC)** in association with INSTITUTE INNOVATION COUNCIL **(IIC)** and RESEARCH AND DEVELOPMENT CELL **(R&D CELL)** organized **International Webinar on "Innovative Teaching Methodologies" By Dr.Jai Ragunathan, Coordinator of Programs, School of Ocean Technology, Marine Institute – Memorial University of Newfoundland, Canada on 10.07.2020 through Google meet platform (Online mode).**
Webinar started with the welcome address of Principal Dr.J.Arputha Vijaya Selvi, Felicitated by Dr.R.Rajendran, Secretary and speaker introduction by Vice-Principal Dr.S.Sivakumar.

Resource person Dr.Jai Ragunathan shared his profound knowledge on the topic, highlighting about Flipped classrooms, Virtual labs to complement practical learning experiences with variety of interactive activities, insisted for creative pedagogical approaches. Wide ICT enabled methodologies was also quote by the speaker. Moodle and other suitable LMS utilization by faculties was also insisted by the resource person. At the end of the session, speaker answered queries raised by the participants. Total of 337 participants attended the webinar from all over the world. Programme was hosted by IQAC coordinator Ms.K.Abhirami, AP/CSE. At the end of the session Vote of thanks was proposed by Mr.R.Sundaramoorthi, AP/EEE and Vice-President, IIC. Technical support was provided by Mr.T.Pasupathi AP/ECE, DRC member.

WEBINAR POSTER

WEBINAR INVITATION

WEBINAR SAMPLE CERTIFICATE

Faculty members from Andhra Pradesh, Andaman & Nicobar Islands, Gujarat, Haryana, Hyderabad, Karnataka, Kerala, Madya Pradesh, Maharastra, Nagaland, Puduchery, Rajasthan, Telagana, UP, West Begal of India and Other country participants from Oman, Malawai, Ghana attended the webinar.

WEBINAR FEEDBACK

Overall rating about the webinar (1-lowest, 5-highest)

376 responses

Bar chart:
- 1: 1 (0.3%)
- 2: 0 (0%)
- 3: 12 (3.2%)
- 4: 76 (20.2%)
- 5: 287 (76.3%)
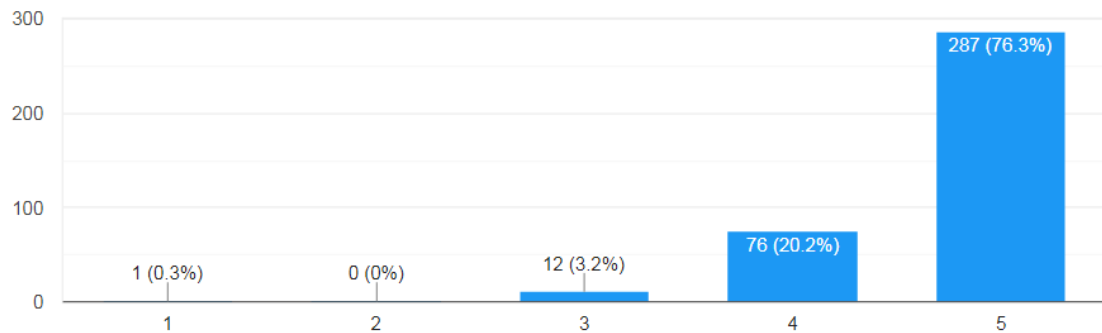
Would you like to join in future events

376 responses

- Yes — 95.7%
- No
- Maybe
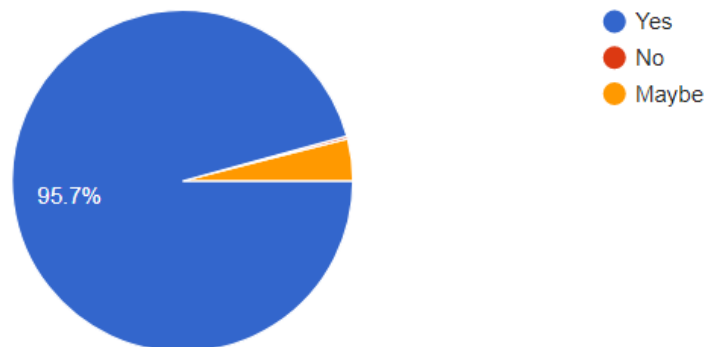
About the webinar (5 being highest in scale)

How relevant and helpful was the session to you (1-Not so, 2-Somewhat, 3-Helpful, 4-Very helpful, 5-Extremely helpful)

376 responses

Bar chart:
- 1: 2 (0.5%)
- 2: 1 (0.3%)
- 3: 17 (4.5%)
- 4: 90 (23.9%)
- 5: 266 (70.7%)
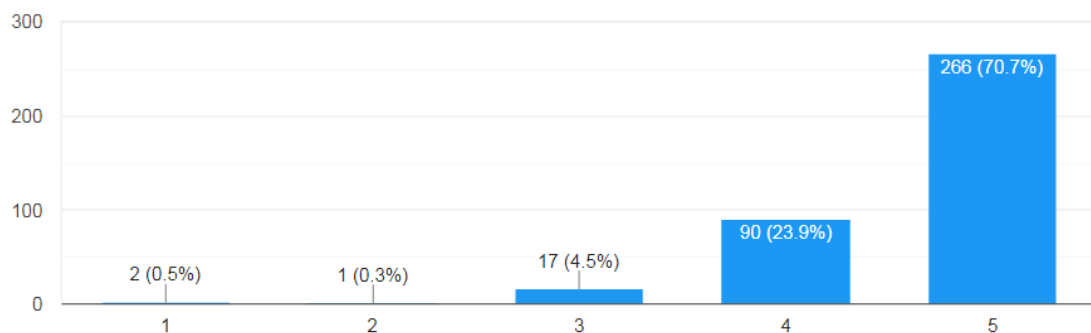
FACULTY MEMBERS FROM THE FOLLOWING INSTITUTIONS/ UNIVERSITY ATTENDED THE WEBINAR

ARJ COLLEGE OF ENGINEERING
AVC COLLEGE OF ENGINEERING
AAA COLLEGE OF ENGINEERING
ADI SHANKARA INSTITUTE OF ENGINEERING
ADI SHANKARA INSTITUTE OF ENGINEERING
ADITHYA INSTITUTE OF TECHNOLOGY
AIMAN COLLEGE OF ARTS AND SCIENCE
ALAGAPPA GOVT. ARTS COLLEGE
AMRITA VISHWA VIDYAPEETAM
ANNA ADHARSH COLLEGE OF WOMEN
ANNAMACHARYA INSTITUTE OF TECHNOLOGY
ANNAMALAI UNIVERSITY
APA COLLEGE OF ARTS AND CULTURAL
ARIFA INSTITUTE OF TECHNOLOGY
ARUMUGAM PILLAI SETTHAI AMMAL COLLEGE
AS-SALAM COLLEGE OF ENGINEERING AND TECHNOLOGY
ASHOKA INSTITUTE OF ENGG. & TECHNOLOGY
AVC COLLEGE OF ENGINEERING
BABU BANARASI DAS UNIVERSITY
BALAJI INSTITUTE OF ENGINEERING AND TECHNOLOGY
BARATHIAR CENTENARY MEMORIAL GOVT. WOMEN'S POLY.
BHARATH CORPORATE
BHARATHIAR UNIVERSITY
BISHOP HIBER COLLEGE
BON SECOURS COLLEGE FOR WOMEN
CARDOMOM PLANTERS ASSOCIATION COLLEGE
CHAUDHARY CHARAN SINGH UNIVERSITY
CMR TECHNICAL CAMPUS
D.B. JAIN COLLEGE
DHANALAKSHMI SRINIVASAN INSTITUTE OF RESEARCH AND TECH.
DHANALAKSHMI SRINIVSAN ENGINEERING COLLEGE
DHARMAPURAM GNANAMBIGAI GOVT. COLLEGE
DHARMAPURAM ADHINAM ARTS COLLEGE
DHIRAJLAL GANDHI COLLEGE OF TECHNOLOGY
DK INTERNATIONAL RESEARCH FOUNDATION
DMI ENGINEERING COLLEGE

DR MGR EDUCATIONAL AND RESEARCH INSTITUTE
Dr.SNS COLLEGE OF EDUCATION
ER.PERUMALMANIMEKALAI COLLEGE OF ENGINEERING
FATIMA COLLEGE
FRANCIS XAVIER ENGINEERING COLLEGE
GNANAMANI COLLEGE OF TECHNOLOGY
GOVT ARTS COLLEGE FOR WOMEN
GOVT. ENGG. COLLEGE
HINDUSTAN COLLEGE OF ARTS AND SCIENCE
HOLY CROSS COLLEGE
IDHAYA COLLEGE FOR WOMEN
IGNTU
ITM
J.B.INSTITUTE OF ENGG. & TECHNOLOGY
JAYALAKSHMI NARAYANASWAMI COLLEGE OF EDUCATION
JB INSTITUTE OF ENGG. & TECHNOLOGY
JEPPIAAR INSTITUTE OF TECHNOLOGY
JUSTICE BASHEER AHMED SAYEED COLLEGE FOR WOMEN
KSR COLLEGE OF ARTS AND SCIENCE FOR WOMEN
KSR COLLEGE OF ENGINEERING
KAMALA INSTITUTE OF TECH. & SCIENCE
KAMARAJ COLLEGE
KANDASWAMI KANDARS COLLEGE
KASTHURIBA COLLEGE FOR WOEMN
KINGS COLLEGE OF ENGINEERING
KALAIGNARKARUNANAIDHI INSTITUTE OF TECH.
KONGU ARTS AND SCIENCE COLLEGE
KUMARAGURU COLLEGE OF TECHNOLOGY
KVGHS
LADY DOAK COLLEGE
LOGANATHA NARAYANASAMY GOVT COLLEGE
LORD JEGANNATH COLLEGE OF EDUCATION
MR GOVT. ARTS COLLEGE
MR GOT ARTS COLLEGE
MAM SCHOOL OF ENGINEERING
MSS WAKF BOARD COLLEGE
M.V.MUTHIAH GOVT COLLEGE FOR WOMEN
MADURAI KAMARAJ UNIVERSITY
MADURAI SIVAKASI NARDARSPIONEER
MEENAKSHI WOMEN COLLEGE
MAHENDRA ENGINEERING COLLEGE

MAILAM ENGG. COLLEGE
MAM COLLEGE OF ENGG & TECH
MAR GREGORIOS COLLEGE
MINISTRY OF EDUCATION
MOAMED SATHAK ENGG. COLLEGE
MOUNT ZION COLLEGE OF ENGG. & TECH.
MTPG RESEARCH INSTITUTE
MUTHAYAMMAL ENGG. COLLEGE
NARAYANA E-TECHNO SCHOOL
NAZARETH MARGOSCHIS COLLEGE
NOVA COLLEGE OF EDUCATION
NSV DEGREE & PG COLLEGES
OPJS UNIVERSITY CHURU
PA COLLEGE OF EDUCATION
PACHAIYAPPAS COLLEGE
PATTUKOTTAI POLYTECHNIC COLLEGE
PERI INSTITUTE OF TECHNOLOGY
PERIYAR CENTENARY POLYTECHNIC
COLLEGE
PKN ARTS AND SCIENCE COLLEGE
PONDICHERRY ENGG. COLLEGE
PRAGATI MAHAVIDHYALAYA PG COLLEGE
PRATHYUSHA ENGG. COLLEGE
PSG COLLEGE OF TECHNOLOGY
PSGR KRISHNAMMAL COLLEGE FOR WOMEN
PSN COLLEGE OF EDUCATION
PTMTM COLLEGE
QUEENS COLLEGE OF ARTS & SCIENCE
RMD ENGINEERING COLLEGE
RAJIV GANDHI COLLEGE OF ENGG. &
TECHNOLOGY
SR COLLEGE
ST HINDU COLLEGE
SA ENGINEERING COLLEGE
SBK COLLEGE
SACS MAVMM ENGG. COLLGE
SAI TIRUMALA NVR ENGG. COLLEGE
SANKETIKA INSTITUTE OF TECH & SCIENCE
SARAH TUCER COLLEGE
SDM COLLEGE
SELVEM COLLEGE OF TECHNOLOGY
SETHU INSTITUTE OF TECHNOLOGY
SHASH INFOTECH
SHINAS COLLEGE OF TECHNOLOGY
SIR THEAGARAYA COLLEGE
SONA COLLEGE OF TECHNOLOGY
SOURASHTRA COLLEGE

SRI BHUVANENDRACOLLEGE
SRI KANYAKA PARAMESWARI ARTS &
SCIENCE
SRI MANAKULA VINAYAGAR ENGG. COLLEGE
SRI MEENAKSHI GOVT ARTS AND SCIENCE
FOLLEGE
SRI RAMAKRISHNA INSTITUTE OF
TECHNOLOGY
SRI SAIRAM ENGINEERING COLLEGE
SRI VENKATESAPERUMAL COLLEGE OF ENGG.
SRM INSTITUE OF SCIENCE AND
TECHNOLOGY
SRM UNIVERSITY
SSN COLLEGE OF ENGG.
ST. JOSEPHS COLLEGE OF ENGG.
ST.XAVIER COLLEGE OF EDUCATION
ST.JOSEPH COLLEGE OF ENGG.
ST.JOSEPHS COLLEGE-AUTONOMOUS
ST.THOMAS COLLEGE OF ARTS AND SCIENCE
SUREYA COLLEGE OF ENGG
SYED AMMAL ENGG. COLLEGE
TAGORE GOVT COLLEGE OF EDUCATION
TAMIL UNIVERSITY
TAMILNADU PHYSICAL EDUCATION AND
SPORTS
TBML COLLEGE
THE INSTITUTE OF ENGINEERS
THE KRISAR ACADEMY
THE MADURA COLLEGE
THE STANDARD FIREWORKSRAJARATNAM
COLLEGE FOR WOMEN
THIAGARAJAR COLLEGE
THRIU KOLANJIAPPAR GOVT ARTS COLLEGE
UNIVERSITY ISNTITUTE OF TECHNOLOGY
VEL TECH
VHSN COLLEGE
VIGNANA BHARATHI INSTITUTE OF
TECHNOLOGY
VIVA COLLEGE OF ARTS, COMMERCE AND
SCIENCE
VIVEKARNANA COLLEGE OF
TECHNOLOGYFOR WOMEN
ZAMORINS GURUVAYURAPPAN COLLEGE

ACADEMIC YEAR

2019-20

KINGS ONLINE SKILL COURSES
Preparatory Online courses for College aspirants
Programme Report

As a part of KCE initiatives exhibiting societal responsibilities, Online courses for College aspirants was organized during 12.07.20 to 19.07.20 between 11.00am to 12.00 noon. In additional to regular outreach programmes, motivational sessions, career guidance programmes to school students, we ventured into Online mode during the pandemic season.

Online skill course covered English communication skills, Interactive Powerpoint presentation skills, Internet basics and Goal setting & Career opportunities. 2 days per title, sessions were live streamed at college youtube channel. +2 completed students from various schools attended the session. Dr.J.Arpputha Vijaya Selvi Principal highlighted on skill course programme and Dr.R.Rajendran, Secretary offered facilitations during the day 1 of the series. Ms.K.Abhirami/CSE & Ms.R.Sugantha Lakshmi/CSE handled the session.

Daywise Title & Participants

Date	Title	No of participants
12.07.20 & 13.07.20	**English Communication Skills**	102 78
14.07.20 & 15.07.20	**Interactive Powerpoint Presentation skills**	63 63
16.07.20 & 17.07.20	**Internet Basics**	69 62
18.07.20 & 19.07.20	**Goal Setting & Career Opportunities**	54 30

Programme Flyer

Daywise Feedback – Summary

Day-1
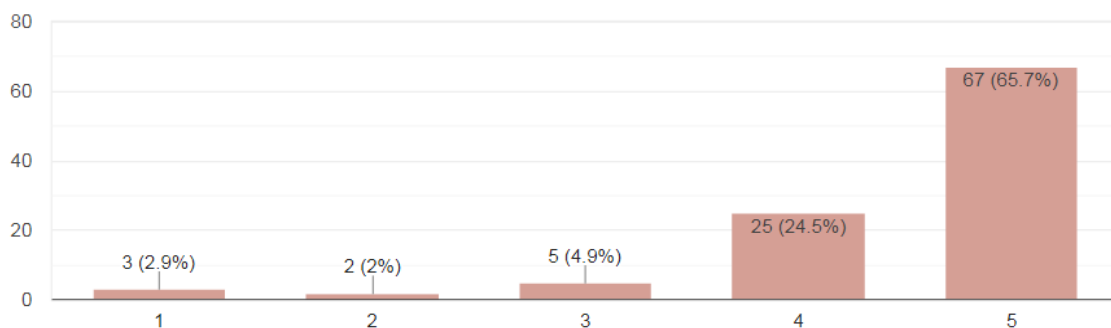
Day-2

Overall rating about the Online SKill course (1-lowest, 5-highest)

78 responses
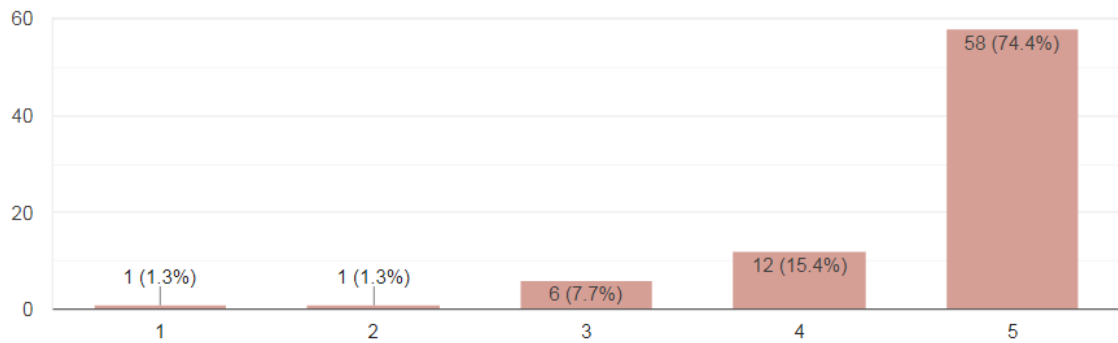
Day-3

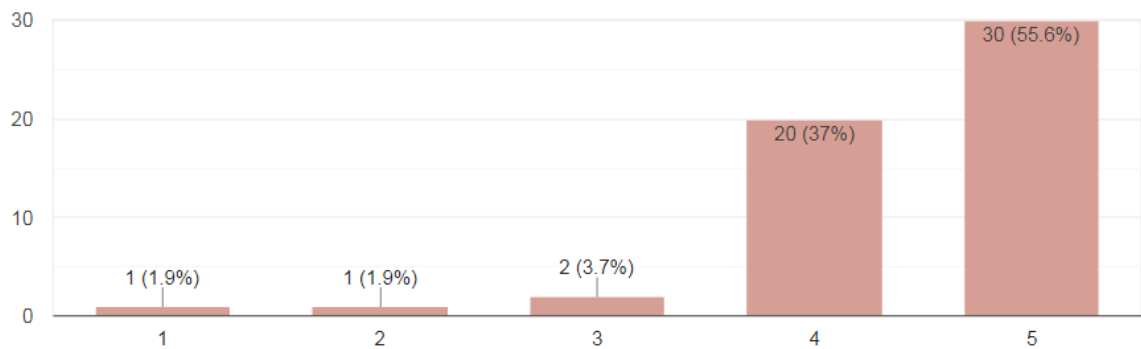## Overall rating about the Online SKill course (1-lowest, 5-highest)

63 responses
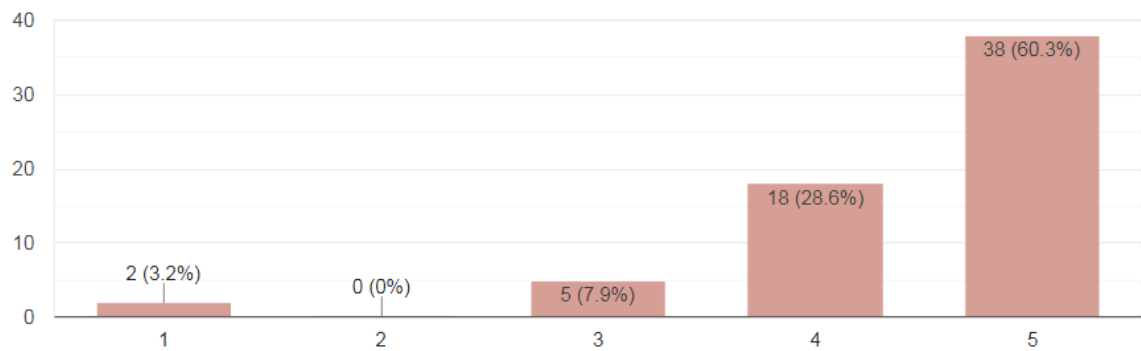
Day-4

Content & Devliery met your expectations (1-Strongly disagree, 2-Disagree, 3-Neutral, 4-Agree, 5-Strongly agree)

63 responses
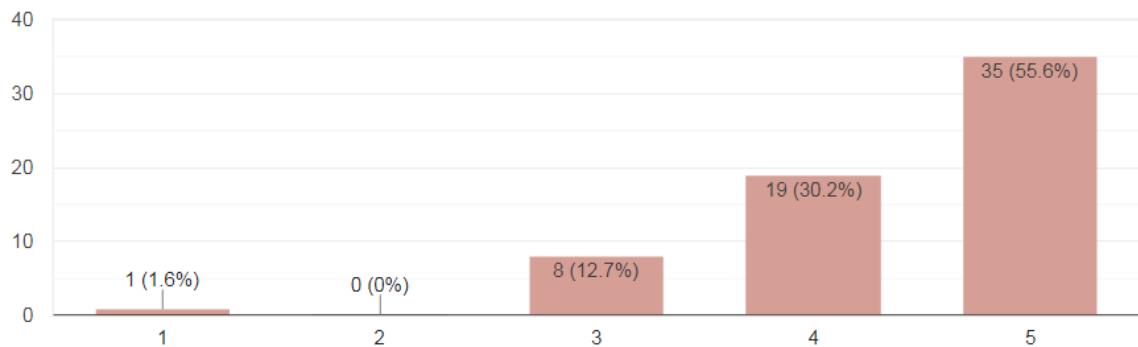
Day-5

Overall rating about the Online SKill course (1-lowest, 5-highest)

69 responses

Rating	Count
1	2 (2.9%)
2	0 (0%)
3	5 (7.2%)
4	14 (20.3%)
5	48 (69.6%)
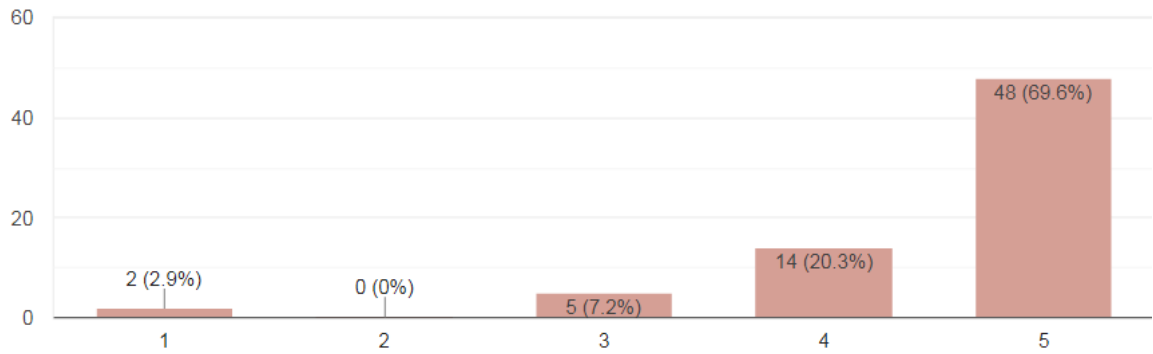
Day-6

Overall rating about the Online SKill course (1-lowest, 5-highest)

62 responses

Rating	Count
1	4 (6.5%)
2	1 (1.6%)
3	5 (8.1%)
4	15 (24.2%)
5	37 (59.7%)
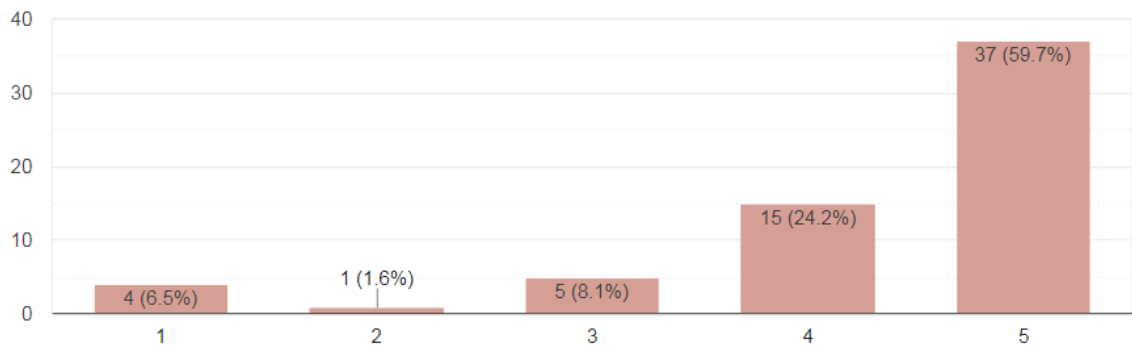
Day-7

Overall rating about the Online SKill course (1-lowest, 5-highest)

54 responses

Rating	Count
1	1 (1.9%)
2	1 (1.9%)
3	2 (3.7%)
4	20 (37%)
5	30 (55.6%)

Day-8

Overall rating about the Online SKill course (1-lowest, 5-highest)

30 responses
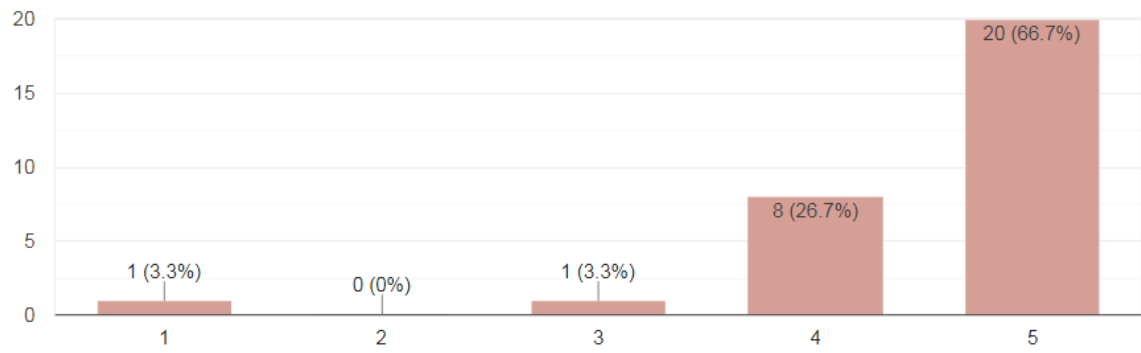
REPORT ON FACULTY DEVELOPMENT PROGRAMME
ORGANIZED IN ASSOCIATION WITH IITB

IQAC in association with IIT, Bombay is **organized Faculty Development Programme for our faculty members**. All faculty members attended the course on the scheduled days. **1 common course and 1 department specific course was chosen for this Summer FDP.**

FDP titles & Objective

Date	Course	Course Objective	Branch(es) & number of participants
29.04.20	Latex-Workshop	Open source software that helps in preparing paper for publication with notations, plots etc.	All branch faculties(78)
04.05.20	e-Sim	Open source EDA tool for circuit design, simulation, analysis and PCB design	ECE,EEE Faculties (18+9)
	R	Open-source language for analytics and data science	CSE faculties(12)
	OpenFoam	Open source/ free CFD (Computational Fluid Dynamics) software available for solving and analyzing problems and to create a real world fluid flow movie. Open source equivalent to FLUENT. Widely used in Academics and is gaining popularity in Industry as well- Companies including AUDI, Tata Steel, Volkswagen, and Govt. agencies like BARC	CIVIL & MECH faculties (11+15)
	Applications of GeoGebra	Interactive Geometry, Algebra and Calculus application for Research Scholars.	Maths faculties (9)
	ExpEYES	Experiments for Young Engineers and Scientists. It is used to perform basic Physics and Electronics experiments.	Physics faculties (2)
	Jmol Application	To create 3D chemical, crystal and biomolecules structures. Very useful to teach and learn abstract chemistry concepts.	Chemistry faculties (2)

DEPARTMENT OF CIVIL ENGINEERING

DEPARTMENT OF CIVIL ENGINEERING –
"OPEN FOAM" ONLINE WORKSHOP SESSION 04.05.2020

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

FDP ON "LATEX" IN ASSOCIATION WITH SPOKEN TUTORIAL, IITB(29.04.20)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

FDP ON "R" IN ASSOCIATION WITH SPOKEN TUTORIAL, IITB(04.05.20)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

LATEX spoken tutorial workshop on 29-04-2020

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

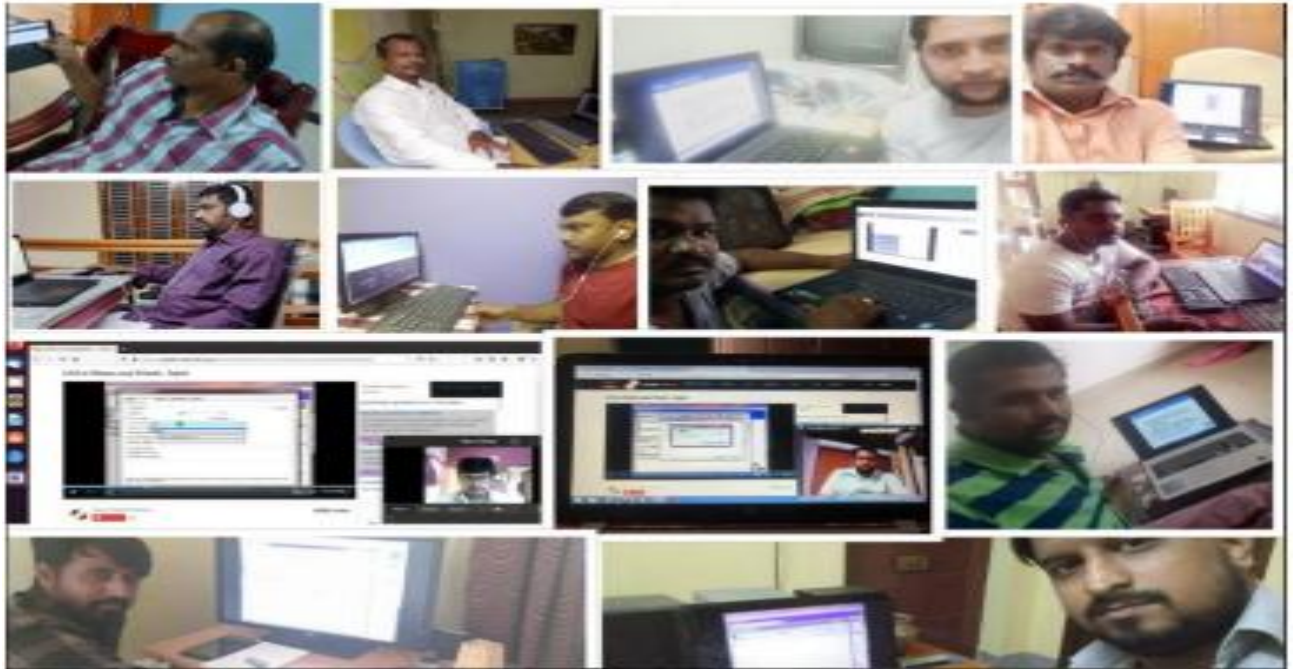eSim online spoken tutorial workshop on 04-05-2020

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
FDP ON "LATEX" IN ASSOCIATION WITH SPOKEN TUTORIAL, IITB(29.04.20)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
FDP ON "e-SIM" IN ASSOCIATION WITH SPOKEN TUTORIAL, IITB(04.05.20)

SPOKEN TUTORIAL
SOFTWARE TRAINING PROJECT
Developed by IIT BOMBAY
spoken-tutorial.org

A NAAC Accredited Institution
KINGS
COLLEGE OF ENGINEERING
Recognized under 2(f) & 12(B) of UGC
Approved by AICTE, New Delhi
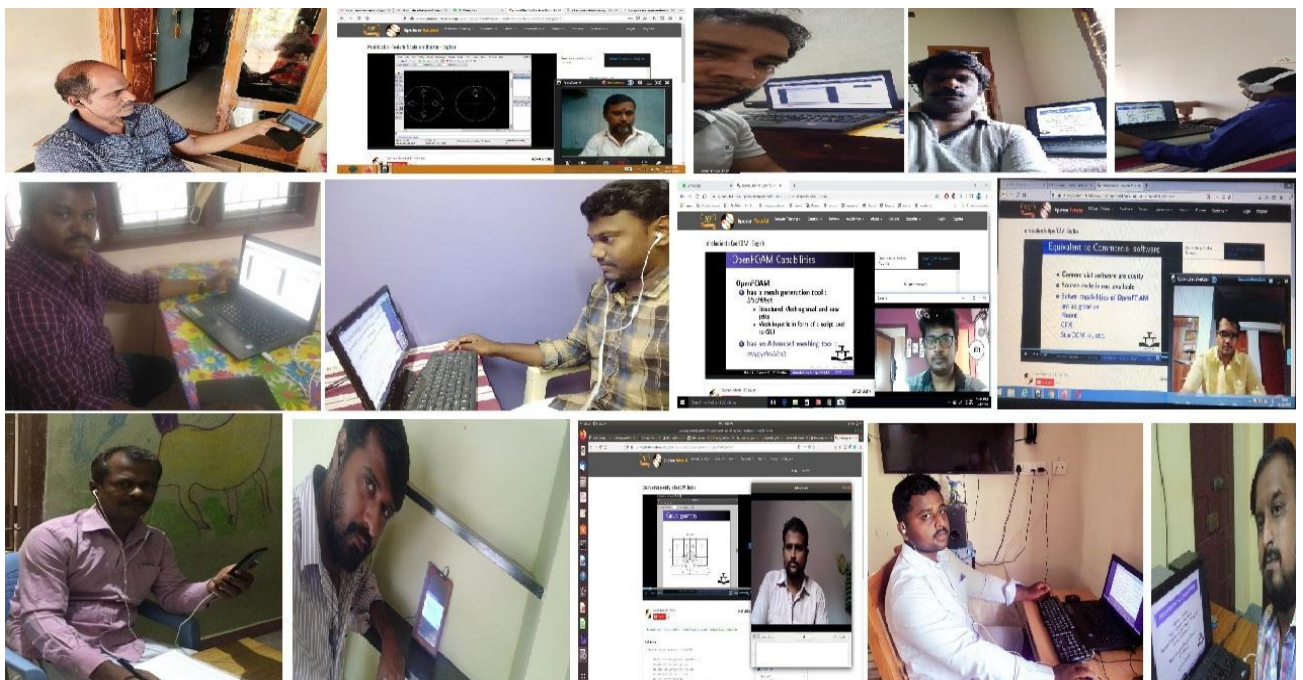Affiliated to Anna University, Chennai

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IQAC

DEPARTMENT OF MECHANICAL ENGINEERING
FDP ON "LATEX" IN ASSOCIATION WITH SPOKEN TUTORIAL, IITB(29.04.20)

DEPARTMENT OF MECHANICAL ENGINEERING
FDP ON "OPENFOAM" IN ASSOCIATION WITH SPOKEN TUTORIAL, IITB(4.05.20)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ACADEMIC YEAR (2019 -2020) EVEN SEM

REPORT

ON

FACULTY DEVELOPMENT PROGRAMME

(SPOKEN TUTORIAL WORKSHOP ON LATEX & e-SIM)

(29-04-2020 & 04-05-2020)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ACADEMIC YEAR (2019-2020) EVEN SEM

REPORT ON SPOKEN TUTORIAL WORKSHOP – LATEX & e-Sim

Overview of the IIT-Bombay Spoken Tutorial Workshop:

The Spoken Tutorial project is being developed by IIT Bombay for MHRD, Government of India. This is the initiative of the 'Talk to a Teacher' activity of the National Mission on Education through Information and Communication Technology (ICT), launched by the Ministry of Human Resources and Development, Government of India.

The main objective of this Spoken Tutorial workshop is to improve the employment potential of our students by teaching them IT skills. There are about 630 original spoken tutorials, created in English. Spoken Tutorials cover many useful IT topics, such as Basic IT Literacy, Tux Typing, KTurtle, C, C++, Java, PHP, Linux, Scilab, Python, OpenFOAM, PERL, Ruby, LibreOffice, Blender, GeoGebra, Jmol, GChemPaint and Inkscape.

These videos are dubbed into all 22 Indian languages. In each of the following languages, we have more than 100 tutorials: Assamese, Bengali, Gujarati, Hindi, Kannada, Malayalam, Marathi, Nepali, Punjabi, Sanskrit, Tamil, Telugu and urdu. Including the dubbed tutorials, there is a total of 4200 videos.

Spoken Tutorials can be downloaded free of cost from the website, http://spoken-tutorial.org.

About the Workshop - LATEX:

In KCE, department of Electronics and Communication Engineering, has organized a Spoken Tutorial Workshop for ECE faculty members in online mode on 29-04-2020. Totally 16 staff members have enthusiastically participated in this Workshop.

As a part of our IQAC activities, we have conducted the spoken tutorial workshop in the topic of **LATEX.**

This workshop aims to provide a comprehensive theoretical and hands on practical experience on LaTeX to the beginners.

LaTeX is a document preparation system for high-quality typesetting, which is preferably used for technical/scientific papers writing for journals by researchers, engineers and mathematicians at large.

The typesetting system offers programmable writing features and extensive facilities for automating most aspects of typesetting .

Some useful features of LaTeX are:
- ✓ Typesetting of journal articles, technical reports, thesis, books, and slide presentations.
- ✓ Control over large documents containing sectioning, cross-references, tables and figures.
- ✓ Typesetting of complex mathematical formulae.
- ✓ Advanced typesetting of mathematics with AMS-LaTeX.
- ✓ Automatic generation of table of contents, bibliographies and indexes.

The staff members enthusiastically attending the workshop on LATEX.

After attending the workshop the staff members had an idea about this **LATEX.** More videos on **LATEX** were given as softcopy to the staff members to prepare themselves and to attend the online Exam.
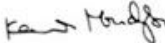
Certificate of Participation

This is to certify that **SHANTHI T** participated in the **LaTeX** training organized at **Kings College Of Engineering** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **LaTeX** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay, funded by the National Mission on Education through ICT, MHRD, Govt. of India.

March 2nd 2020
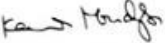
Prof. Kannan M Moudgalya
IIT Bombay

Certificate of Participation

This is to certify that **PASUPATHI T** participated in the **LaTeX** training organized at **Kings College Of Engineering** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **LaTeX** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay, funded by the National Mission on Education through ICT, MHRD, Govt. of India.

March 2nd 2020

Prof. Kannan M Moudgalya
IIT Bombay

The sample certificates.

About the Workshop – e-SIM:

In KCE, department of Electronics and Communication Engineering, has organized a Spoken Tutorial Workshop for ECE faculty members in online mode on 04-05-2020. Totally 16 staff members have enthusiastically participated in this Workshop.

As a part of our IQAC activities, we have conducted the spoken tutorial workshop in the topic of **e-SIM.**

Overview of e-SIM:

eSim (previously known as Oscad / FreeEDA) is an open source EDA tool for circuit design, simulation, analysis and PCB design. It is an integrated tool built using open source oftware such as KiCad (http://www.kicad-pcb.org) and Ngspice (http://ngspice.sourceforge.net/). eSim is released under GPL.

eSim offers similar capabilities and ease of use as any equivalent proprietary software for schematic creation, simulation and PCB design, without having to pay a huge amount of money to procure licenses.

Hence it can be an affordable alternative to educational institutions and SMEs. It can serve as an alternative to commercially available/ licensed software tools like OrCAD, Xpedition and HSPICE.

The staff members enthusiastically attending the workshop.

After attending the workshop the staff members had an idea about this **e-Sim.** More videos on **e-Sim** were given as softcopy to the staff members to prepare themselves and to attend the online Exam.

Certificate of Participation

This is to certify that **MANGAIYARKARASI N** participated in the **eSim** training organized at **Kings College Of Engineering** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **eSim** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay, funded by the National Mission on Education through ICT, MHRD, Govt. of India.

March 2nd 2020

Prof. Kannan M Moudgalya
IIT Bombay

Certificate of Participation

This is to certify that **JEYASEELAN T** participated in the **eSim** training organized at **Kings College Of Engineering** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **eSim** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay, funded by the National Mission on Education through ICT, MHRD, Govt. of India.

March 2nd 2020

Prof. Kannan M Moudgalya
IIT Bombay

The sample certificates.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ACADEMIC YEAR (2019-2020) ODD SEMESTER

REPORT ON DEPARTMENT ACTIVITIES AND LEARNING OUTCOME

In KCE, department of Electronics and Communication Engineering, We had a discussion about the Intended learning outcome based assessment and evaluation for the academic year 2018-19 odd and even semester and also about the department target vs. achieved for the academic year 2018-2019 on 16-08-19 at Digital electronics lab. In this discussion all our department staff members 17 of them were participated.

The main objective of this discussion is how to achieve our department target and how to improve it and also the learning outcome of the student in the past academic year.

Mrs. D. Vennila, AP/ECE as an IQAC member, gave the summary about the **Department target vs achieved** for the academic year 2018-19 and **Intended learning outcome based assessment and evaluation** for the academic year 2018-19 odd and even semester.

The primary purpose of the learning outcome is to review our student level and to put good effort to bring more of our students from Fair and Needs hardwork level to V.Good and Excellent level. Regarding this discussion our department HOD and all the staff members gave some ideas related to this.

- ➢ Due to shortage of working days, we can't able to complete our target.
- ➢ We are planning to submit more project proposals.
- ➢ Planning to conduct more workshops atleast on Saturdays, to complete our target in the forthcoming semesters.
- ➢ Motivated all the students to participate in intradepartmental paper presentation and mini project Expo.
- ➢ Insisted the students to participate in national and international conferences.
- ➢ Regarding LO, planned to give more revision classes and repeated class tests.
- ➢ Planning to give more no. of exams to avoid exam fear for students.
- ➢ Mainly we are concentrating to reduce the absentees.

Mrs. D.Vennila, explaining about the Learning outcome and department activities to all the ECE staff members.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ACADEMIC YEAR (2019-2020) ODD SEMESTER

REPORT ON DEPARTMENT ACTIVITIES AND LEARNING OUTCOME

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ACADEMIC YEAR 2018-19 (EVEN SEMESTER)

SHORT TERM TRAINING PROGRAMME REPORT

ICT mode **Short Term Training Programme** on **"NBA Accreditation"** was organized between **22.04.19 and 26.04.19** for faculty members. STTP was offered by **N**ational **I**nstitute of **T**echnical **T**eacher's **T**raining and **R**esearch, Kolkata**. Prof. Dr. Rayapati Subbarao, NITTR Kolkata** was the **resource person** of the **5 day STTP**. Faculty members from all branches of Engineering, Science and Humanities department attended the programme. STTP was offered through ICT mode with interactive sessions. Programme was coordinated by Ms.K.Abhirami AP/CSE.

5 day STTP highlighting the Impact of NBA Accreditation, enriched the participants with Preparing Vision, Mission, PEO, Course & Programe Outcomes, Preparation of SSR.   STTP session included practice on criteria I to X preparation.

STTP session snapshots

ACADEMIC YEAR

2018-19

ACADEMIC YEAR 2018-19 (EVEN SEMESTER)

SHORT TERM TRAINING PROGRAMME REPORT

ICT mode **Short Term Training Programme** on **"Evaluating Student Performance and Designing Question Paper"** was organized between **25.02.19 and 01.03.19** for faculty members. STTP was offered by **N**ational **I**nstitute of **T**echnical **T**eacher's **T**raining and **R**esearch, Kolkata**. Prof. Dr. Habiba Hussain, NITTR Kolkata** was the **resource person** of the **5 day STTP**. Faculty members from all branches of Engineering, Science and Humanities department attended the programme. STTP was offered through ICT mode with interactive sessions. Programme was coordinated by Ms.K.Abhirami AP/CSE.

5 day STTP highlighting the effective evaluation approaches, enriched the participants with evaluation component, tools & techniques for evaluation, planning for evaluation and designing question paper meeting course objective evaluation. STTP session included sessionwise tests and exercises.

Workshop Participants with Principal

STTP session snapshots

ACADEMIC YEAR 2018-19 (EVEN SEMESTER)

SHORT TERM TRAINING PROGRAMME REPORT

ICT mode **Short Term Training Programme** on **"Development of Laboratory Instruction and Manual"** was organized between **04.02.19 and 08.02.19** for faculty members. STTP was offered by **N**ational **I**nstitute of **T**echnical **T**eacher's **T**raining and **R**esearch, Kolkata**. Prof. Dr. Subrata Mondal, NITTR Kolkata** was the **resource person** of the **5 day STTP**. Faculty members from all branches of Engineering, Science and Humanities department attended the programme. STTP was offered through ICT mode with interactive sessions. Programme was coordinated by Ms.K.Abhirami AP/CSE and KL.Kavitha AP/Chem.

5 day STTP highlighting the practices to be adopted at Laboratory sessions, enriched the participants on Laboratory exercises preparation, lab report, Common Hazards & Safety operating procedures, Effective Laboratory Instruction and Manual, Assessing Student Learning for Laboratory Activities.   STTP session included sessionwise tests and exercises.

Workshop Participants with Principal and Secretary

STTP session snapshots

ACADEMIC YEAR 2018-19 (ODD SEM)
MOTIVATIONAL SESSION BY INDUSTRY EXPERT

Industry experts are invited periodically for Seminar and Motivational Sessions enlightening Final year students about "Industry expectations and Career planning". On **05.09.18**, Mr.R.Sathishraj with rich Industrial experience was invited for a Motivational session enlightening our IV year CSE and ECE students.

Mr.R.Sathishraj – Brief profile
   Work experience
- Sify Technologies with Micro ERP division, 2004-2006,
- Ingram Micro Corp as Business Development Manager, 2006-2009,
- Since 2009, Full time Entrepreneur, Distribution -e.com Business in India and US

Resource person of the session addressed students on the following areas and triggered the minds of students
- Importance of Goal setting
- Fear and Doubt management
- Current Market trends
- Avoiding distraction and Time Management.

Insisting students on regular review of set goals, achievement, Mr.Sathishraj listed various books and weblinks for reference. At the end of the session, feedback was shared by student representatives. Students thanked the resource person for facilitating better approaches to career planning and also life skills.

No.: of students attended the session : 128

REPORT ON FACULTY DEVELOPMENT PROGRAMME
ACADEMIC YEAR 2018-19

Faculty Development Programmes was on various **Spoken Tutorial Workshop** titles **in association with IIT, Bombay** sponsored by MHRD enhancing FOSS skills of our faculty members was organized on **28.06.18.** Subsequently, on 29.06.18 faculty members appeared for Online test and certifications was offered to faculty members. Details as follows

Workshop titles

Title	Branches
SciLab (MatLab equivalent)	ECE, EEE
Python	CSE
QCAD(CAD equivalent)	Civil, Mech

Objective of Chosen Workshop titles

Python	To expose Numerical computational software for Science and Engineering Education
Scilab	To enrich students with Mathematical and scientific calculation software, open source substitute for MATLAB
QCAD	To impart skills on technical drawings such as plans for buildings, interiors, mechanical parts or schematics and diagrams.

Faculty Development Programme Snapshot

Departmentwise Participation and Certification Details

Department	Participation count	Certifications count
CIVIL	10	05
CSE	15	11
ECE	17	15
EEE	06	01
MECH	17	11
TOTAL	65	43

Encl : Certificate sample

ACADEMIC YEAR

2017-18

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ACADEMIC YEAR (2017 -2018) EVEN SEM

REPORT

ON

FACULTY DEVELOPMENT PROGRAMME

(SPOKEN TUTORIAL WORKSHOP ON LATEX & e-SIM)

(29-04-2020 & 04-05-2020)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ACADEMIC YEAR (2017-2018) EVEN SEM

REPORT ON SPOKEN TUTORIAL WORKSHOP - SCILAB

In KCE, department of Electronics and Communication Engineering, has organized a Spoken Tutorial Workshop for ECE faculty members at Block-II CSE lab. Totally **20** staff members have enthusiastically participated in this Workshop.

The Spoken Tutorial project is being developed by IIT Bombay for MHRD, Government of India. This is the initiative of the 'Talk to a Teacher' activity of the National Mission on Education through Information and Communication Technology (ICT), launched by the Ministry of Human Resources and Development, Government of India.

The main objective of this Spoken Tutorial workshop is to improve the employment potential of our students by teaching them IT skills. There are about 630 original spoken tutorials, created in English. Spoken Tutorials cover many useful IT topics, such as Basic IT Literacy, Tux Typing, KTurtle, C, C++, Java, PHP, Linux, Scilab, Python, OpenFOAM, PERL, Ruby, LibreOffice, Blender, GeoGebra, Jmol, GChemPaint and Inkscape.

These videos are dubbed into all 22 Indian languages. In each of the following languages, we have more than 100 tutorials: Assamese, Bengali, Gujarati, Hindi, Kannada, Malayalam, Marathi, Nepali, Punjabi, Sanskrit, Tamil, Telugu and urdu. Including the dubbed tutorials, there is a total of 4200 videos.

Spoken Tutorials can be downloaded free of cost from the website, http://spoken-tutorial.org.

As a part of our IQAC activities, we have conducted the spoken tutorial workshop in the topic of **SCILAB.**

SCILAB is an open source computational software used for writing user defined subroutines for solving complex mathematical problems. This workshop will help participants to develop good understanding of computational software and have good hands on experience on how to solve different engineering problems using the software. The main focus of the course is on imparting the importance of using such tools and as well making the participants familiar with industry grade problems and solutions in engineering.

Mrs. K. Abhirami, AP/IQAC Head, welcomed the staff members and she insisted the importance of the spoken tutorial workshop.
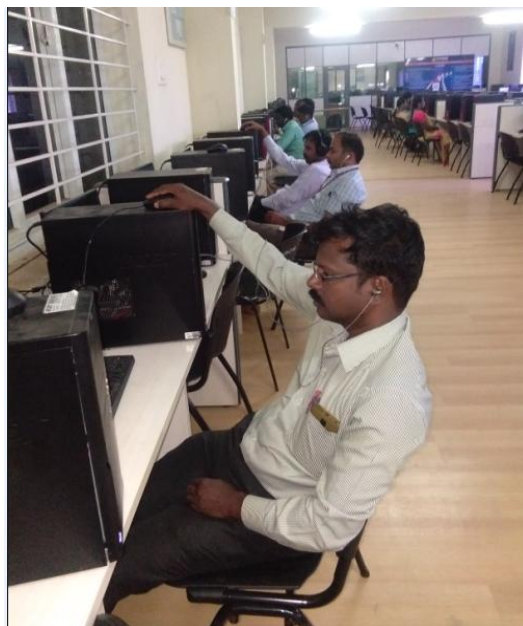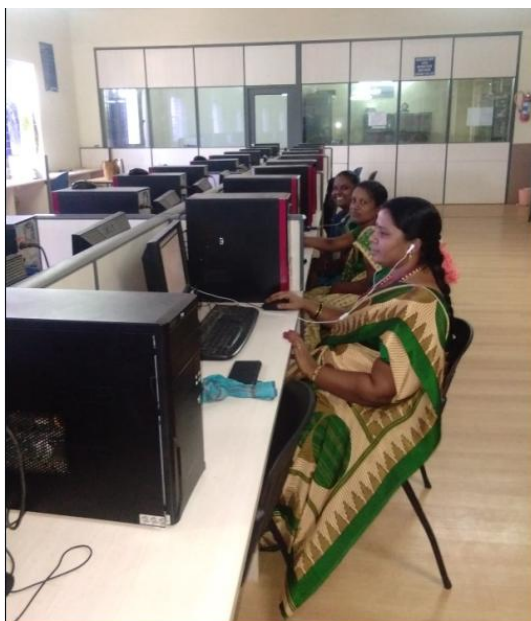
The staff members enthusiastically attending the workshop.

After attending the workshop the staff members had an idea about this **SCILAB.** More videos on **SCILAB** were given as softcopy to the staff members to prepare themselves and to attend the online Exam.

Online exam on **SCILAB** was conducted to the staff members on **29-06-2018 at CSE LAB-I.**
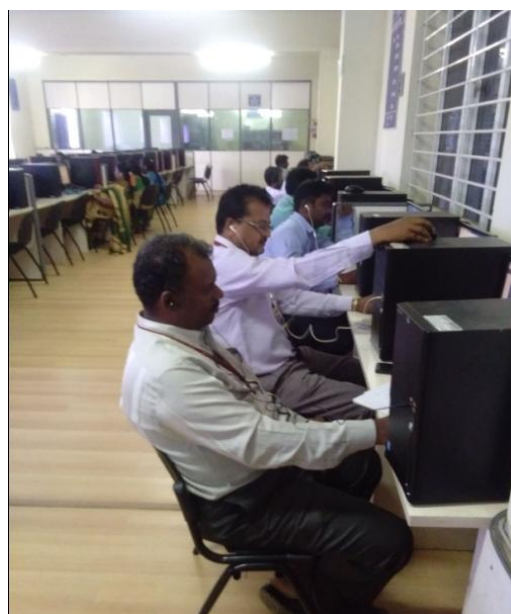
The staff members attending the online Exams.

The exam duration was about 45 minutes. After the exam, certificates were generated to the staff those who have secured above 40 % of marks to their individual User Id.

Certificate for Completion of Scilab Training

This is to certify that **ARPUTHA VIJAYA SELVI J** has successfully completed **Scilab** test organized at **Kings College Of Engineering** by **ABHIRAMI K** with course material provided by the Talk To A Teacher project at IIT Bombay.

Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training. **Vennila D** at **Kings College Of Engineering** invigilated this examination. This training is offered by the **Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India.**

June 29th 2018

Prof. Kannan M Moudgalya
IIT Bombay

1864553E9P

Certificate for Completion of Scilab Training

This is to certify that **KALAISELVIE C.M** has successfully completed **Scilab** test organized at **Kings College Of Engineering** by **ABHIRAMI K** with course material provided by the Talk To A Teacher project at IIT Bombay.

Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training. **Vennila D** at **Kings College Of Engineering** invigilated this examination. This training is offered by the **Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India.**

June 29th 2018

Prof. Kannan M Moudgalya
IIT Bombay

1864572QL3

The sample certificates.

After the session was completed, Feedbacks were collected from the staff members to know their opinion about the workshop.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

A Seminar on
"Strategies for Effective Teaching - Learning"
on 10.10.2017

REPORT

Venue : PSS Lab   **Time : 3:30pm to 4:30pm**

Participants : Faculties of EEE

Resource Person : Mr. R.Sundaramoorthi, AP/EEE, Kings College of Engineering

The department of Electrical and Electronics Engineering and IQAC has jointly organized a seminar on *"Strategies for Effective Teaching-Learning"* on 10.10.2017.

The objective of this seminar is to promote teaching with innovative active learning practices. The lecture covers the following topics:

1. Analysis & Limitations of conventional method of teaching
2. Innovative teaching methods – Active learning Practices
3. Technology Enabled Active Learning & Its Advantages
4. Learner Centric based Activity
5. Bloom's Taxonomy – An Overview
6. LO Attainment for Even Semester 2016-2017

IQAC Member   **HOD/EEE**

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
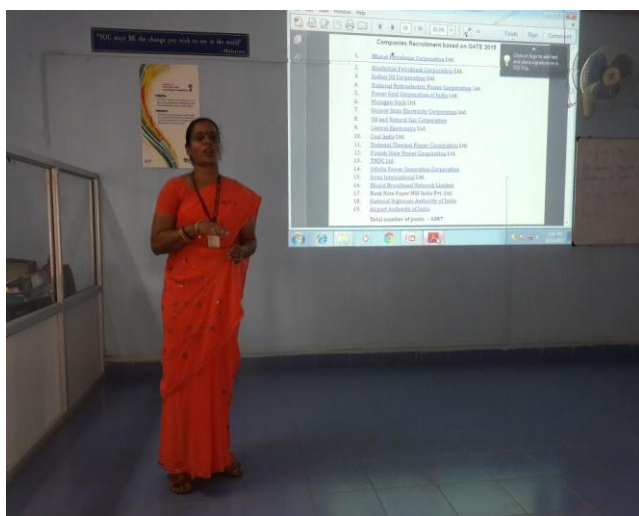
A Seminar on
"Technologies in Higher Education"
on 12.10.2017

REPORT

Venue : PSS Lab   **Time : 3:30pm to 4:30pm**

Participants : Faculties of EEE

Resource Person : Mrs.N.Hemavathi, AP/EEE, Kings College of Engineering

The department of Electrical and Electronics Engineering and IQAC has jointly organized a seminar on *"Technologies in Higher Education"* on 12.10.2017.

The main objective of this seminar is to promote technology continues to shape the internationalization of higher education. The lecture covers the following topics:

1. Higher Education – An overview
2. Benefits of Technology in Higher Education
3. Technology benefits in Class Room Management
4. Challenges in Implementation of Technology in Higher Education, etc.,

**IQAC Member**   **HOD/EEE**

KINGS
COLLEGE OF ENGINEERING
(NAAC Accredited Institution)
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)

ACADEMIC YEAR 2017-18 (ODD SEMESTER)
REPORT ON SPOKEN TUTORIAL WORKSHOP SERIES

We are organizing Spoken Tutorial Workshops since 2011 in association with IIT, Bombay sponsored by MHRD enhancing FOSS skills of our students. Series of workshops was planned for this semester enhancing Open Source Software skills on various titles.

As per the schedule planned, respective IQAC team member supported the conduct of workshops followed by Online Test. Course material issued by IITB in the form of Audio & Video was circulated as softcopy for student reference. Students appeared for Online test as per schedule. Students clearing online test received certificates (softcopy) issued by IIT, Bombay.

> *Tutorial Schedule & Session snapshot*

Date	Tutorial Title	Branch & Year
28.08.17	Python	CSE III Yr.
29.08.17	Scilab	ECE IV Yr.
29.08.17	C++	CSE II Yr.
04.09.17	Scilab	EEE IV Yr.
11.09.17	QCAD	CIVIL IV Yr. A Sec
11.09.17		CIVIL IV Yr. B Sec
14.09.17	QCAD	MECH IVYr. A Sec
14.09.17		MECH IVYr. B Sec
15.09.17	PHP	CSE IV Yr.
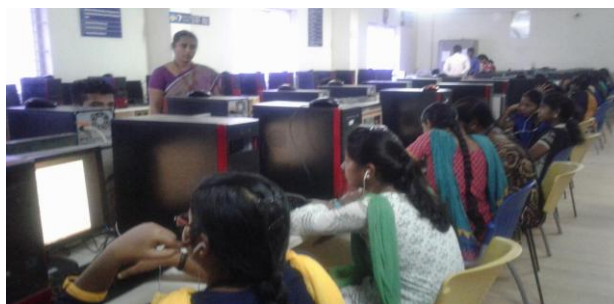
Objective of Chosen Workshop titles

Python	To expose Numerical computational software for Science and Engineering Education
Scilab	To enrich students with Mathematical and scientific calculation software, open source substitute for MATLAB
C++	To enrich Object Oriented Programming knowledge

PHP & MySQL	To impart skills for developing interactive websites and establishing back-end connectivity with a database
QCAD	To impart skills on technical drawings such as plans for buildings, interiors, mechanical parts or schematics and diagrams.

Certification Details

Date	Online Test	Branch & Year	No. of certifications
04.09.17	Python	CSE III Yr.	51
08.09.17	Scilab	EEE IV Yr.	09
13.09.17	QCAD	Civil IV Yr. A Sec	18
13.09.17		Civil IV Yr. B Sec	
15.09.17	Scilab	ECE IV Yr.	15
19.09.17	PHP	CSE IV Yr.	19
21.09.17	QCAD	MECH IV Yr. A Sec	64
22.09.17		MECH IV Yr. B Sec	
Total Certifications			**176**