

KONGU ENGINEERING COLLEGE, PERUNDURAI, ERODE.
Academic Audit Check List and Findings - Academic Year & Semester (2017 & ODD)

Auditor Name with Designation and Address :

Internal Auditor 1 : Dr.R.Parameshwaran, Professor & Head, Department of Mechatronics Engineering, KEC, Perundurai.

Internal Auditor 2 : Dr.K.Gomathi, Assistant Professor (Sr.G) , Department of Mechatronics Engineering, KEC, Perundurai.

External Auditor : Dr.E.K.Mohanraj, Dean, Department of Civil Engineering, Nandha Engineering College, Perundurai, Erode.

Date of Audit : 09.12.2017
 Department Audited : Civil Engineering

S.No	Criteria	Sub Criteria	Sample Records taken for audit with details	Audit Findings
1.	Curriculum aspects	Curricular design and development	BOS file (2014 R)	Available Lead Society syllabus can be verified
		Academic Flexibility	2014 R curriculum and syllabus book	One credit, open elective and NPTEL courses available
		Curriculum Enrichment	Value added courses	Industry based courses found to be low
		Feedback System	BOS file (2104 R)	Stakeholders feedback not available
		Formulation and Defining level of PEO, PO & PSO Level of improvement for last two years curriculum	Documents Verified	Feedback from stakeholders not available for PEO & PSO formulation.
2.	Teaching - Learning	Student enrolment and Profile	Student strength verified for II year, III year and IV year	Satisfactory
		Catering to student diversity	Male female Ratio Board of Education	All documents available

	Teaching - Learning Process	Faculty Mrs. Priyanka Prabhakaran course file 14GET71 Total Quality management	Good
	Teaching Quality	Faculty Mr.P.Ravichandran Course file 14CET32 Rigid body Statistics and Dynamics	Satisfactory, Question paper based on learning level can be framed.
	Evaluation process and reforms	Internal mark Calculation, Assignments and Other assessments	All documents available
	Student performance and learning outcomes 1. Mapping of PO and CO 2. Attainment level of courses 3. Any other observation 4. Program Assessment Committee (PAC) 5. CCC Meeting	CCC meeting minutes Project reports of students verified QIC verified	All documents available
	Improvement of success rate without backlog for past two years (Indicate values for interpretation)	End semester Report (IV Year) 2014-15: 45% 2015-16: 51%	Satisfactory
	Improvement of success rate with backlog for past two years (Indicate values for interpretation)	2015-16: 33 %	Satisfactory
	Improvement of academic performance for past two years (Indicate values for interpretation)	End semester Report 2015-16 & 2016-17	Improvement Identified
	Improvement of placement ratio (placement, higher studies and Entrepreneurship Indicate values for interpretation)	Placement File 2016-17 Core : 45 %	Data verified
	Any practical component	i) Water Resources Engineering	Course files verified

		teaching methodology	ii) Classical Method of Structural Analysis iii) Surveying iv) Architecture and Town Planning	
3.	Student support and Progression	Student mentoring and Support	Year coordinator responsibilities	Data verified
		Student Progression	GATE coaching & Non Formal Courses file	Satisfactory
		Student Participation and activities	Paper / project presentation file Technical Society activities	Satisfactory
4.	Faculty Contribution	Faculty Qualification	Bio data File	Satisfactory
		Faculty Cadre ratio	Faculty nominal roll from office Professors: 5 Nos. Associate Professor: 5 Nos. Assistant Professor: 42 Nos.	Data Available
		Faculty competences correlation to programme specific criteria	Competency to meet PSO form.	Data available and found to be satisfactory.
		Faculty participation/ resource person/ development / training	Bio data file	Documents Available
		Faculty research Publications	Semester Report and Bio data file Scopus Indexed: 1 H index/I 10 index : 10	Documents Available, Have to be improved.
		Faculty IPR	Patent File Mrs.S.Sharmila (Applied)	Document Available
		Funded R & D projects	Dr.G.S.Rampradheep - Zero Carbon Challenge IIT, Chennai Rs. 6,00,000.00	Document Available, Have to be improved.
5.	Research consultancy and extension	Promotion of Research	Dr.M.M.Saravannan & Dr.D.Ambika Ph.D viva voce completed Ph.D pursuing : 23	Document Available
		Resource mobilization of research	R & D File	Documents Available, Have to be improved.
		Research Facilities	Research Equipment Available	Found to be low

			Year 2016-17: Nil Year 2017-18: Good	
		Research publications and Awards	Bio Data File Verified Best Mentor Award, IITB Best Young researcher by GRABS	Documents Available, found to be satisfactory.
		Consultancy	IIPC file Consultancy: 2016-17: 1,96,000.00 PWD, UGS Enterprises Mulavar Pvt. Ltd, TNPHC :Rs.9000.00 Testing: Rs. 23,000.00	Documents Available,Good
		Extension activities and Institutional and responsibility	IEI, Geotechnical Society, ISTE,ACAI activities	Documents Available
		Collaborations	IIPC File MoU with i) HAGROIS, Chennai ii) MECORT, Mumbai	Documents Available
6.	Infrastructure and Learning resources	Physical facilities	Class room and laboratory requirements are available as per AICTE	All facility available as per norms
		Library as a learning resources	i)No of Books ii)No of journals iii) OHE Book and Newsletter verified	Found Satisfactory
		IT Infrastructure	Computer facility and computer centre lab files verified	Good
		Maintenance of campus facilities	Equipment maintenance register and UPS service register documents verified Computational Lab	Good
7.	Governance, leadership and management	Institutional vision and leadership	Institution vision and Mission statement	Documents Available
		Strategy Development and deployment	Department Strategic Plan verified	Documents Available, can be improved
		Facility empowerment	Skill matrix verified (TR 01)	Documents Available

		strategies		
		Financial management and resource mobilization	Budget file verified Closing budget not available	R & D Utilization found to be low
		Internal Quality assurance System	ISO register verified HoD signature found to be missing	Documents Available
8.	Continuous Improvement	Improvement Success Index	Placement file - 122/272(willing),Placed -85	More training may be given.
			Higher education and Entrepreneurship file verified	Documents Available,
		Improvement faculty research publication	R & D file verified	Department citations seems to be very low
		New facility Created	Proposed lab files verified i) Advanced Structural Engineering Laboratory	Documents Available
9.	Innovations and best practices	Environment consciousness	Projects done by students verified	Documents Available
		Innovations	Faculty Course File Mrs. M.Kowsalya 14CEE03 Water Resource Engineering Assignments, Group discussions for other assessment.	Documents Available, Practical oriented assignment may be given
		Best Practices	One credit course file verified Practical Structural RCC Design	Documents Available

Auditor signature :

Internal Auditor 1

Dr.R.Parmeshwaran,
Professor& Head/Mechatronics,
Kongu Engineering College.

Internal Auditor 2

Dr.K.Gomathi,
Assistant Professor(Sr.G),Mechatronics,
Kongu Engineering College.

External Auditor

Dr.E.K.Mohanraj,
Dean/Civil Engineering
Nandha Engineering College
Perundurai, Erode-638052

Signature of HOD of audited department

:..... f. 9.12.19

KONGU ENGINEERING COLLEGE PERUNDURAI ERODE
Academic Audit Check List and Findings-Academic Year & Semester 2017-2018-Odd Semester

Auditor Name with Designation and Department

:1.Internal Auditor
Dr.V.Hariharan / Professor
Dr.A.Sivakumar / Associate Professor
Department of Mechanical Engineering
Kongu Engineering College

2.External Auditor
Dr.E.Prakash
Associate Professor
Department of Mechanical Engineering
Bannari Amman Institute of Technology
Sathyamangalam, Erode

Date of Audit

: 08.12.2017

Department Audited

: Mechanical engineering

Sl. No.	Criteria	Sub criteria	Sample records taken for audit with details	Audit findings
1.	Curriculum aspects	Curricular design and development	BoS file	The stake holders input were aligned properly in course design form. The recent BOS minutes is not placed accordingly.
		Academic flexibility	Curriculum file	It includes open and programme electives representing the well formulated structure
		Curriculum enrichment	Curriculum book is verified	The 4 credit course is reduced to 3 in view of offering 1 credit course The four credit course M-II (14MAT21) is printed as 3 credit in BOS file
		Feedback system	Feedback files were checked	Actions are taken for the feedback
2.	Teaching-learning	Student enrolment and profile	Student enrollment file	Good
		Catering to student diversity	The counseling files were verified for slow and fast learners	Relevant documents are sufficient
		Teaching-learning process	Thermal Engineering (14 MET 42) course files are verified	The remedial measures for failure students in the assessment test is missing.

		Teaching quality	Strength of materials(14MET41) course files are verified	Relevant documents are sufficient
		Evaluation process and reforms	Course files of Heat transfer laboratory (14MEL61) are verified.	The mark entry process was adequate. Phase-I project files is not shown
		Student performance and learning outcomes	The Design of transmission systems (14MET62) course file is verified	The attainments of CO and PO are properly done
3.	Student support and progression	Student mentoring and support	The Counseling file is verified II Year student record is verified	Student counseled list is available The lateral entry student details was not adequate
		Student progression	Placement, Clubs, Higher studies and Entrepreneurship files are checked	More actions are focused for getting placements in core companies. The placement and entrepreneurs status is good.
		Student participation and activities	Newsletter file-Publications of Technical magazines, newsletters are verified	Newsletter not received. Latest newsletter available in department website.
4.	Faculty contribution	Faculty qualifications	Faculty profiles of Dr.S.Selvakumar and S.Ramakrishnan are verified	It should be updated till date
		Faculty cadre ratio	Faculty designation is checked for three numbers	Meets the requirement
		Faculty competences correlation to program me specific criteria	Two sample faculty profile records are verified	Faculty competencies are satisfactory
		Faculty participation / resource person/ development / training	Faculty profiles are checked	Sufficient evidences are available
		Faculty research publications	List of publications is verified	Most of the published papers in SCOPUS indexed, reputed journals
		Faculty IPR	List of books written by faculty are verified	Several books are referred in reputed Universities
		Funded R &D projects	File not received	File not received
		Faculty interaction outside /abroad	Faculty profiles are verified	Adequate faculty has undergone industrial training
5	Research,	Promotion of research	Research file is verified	Most of the faculties are pursuing

	consultancy and extension	Resource mobilization for research	Research file is verified	Ph.D
		Research facilities	Research lab documents are verified	Facilities related to research are available
		Research publications and awards	Research file is verified	Elaborate steps had taken for receiving award in research category
		Consultancy	Consultancy file is verified	Larger amount of revenue is generated by material testing facility
		Extension activities and institutional social responsibility	Tree planting activities is performed all-round the year by pasumaivanam team in and around the college premises	More number of CSR programme to be conducted
		Collaborations	List of MOU files are verified	More relevant core companies may be identified
6.	Infrastructure and learning resources	Physical facilities	Equipment registers of Heat transfer laboratory (14MEL61) are verified	Relevant documents are available
		Library as a learning resources	Department library stock registers and documents were checked	File to be changed and proper heading for volumes is needed
		IT Infrastructure	Lab documents are verified	Two new labs like renewable energy lab and Vibration are initiated
		Maintenance of campus facilities	Good maintenance	It is evident while visiting the campus
7.	Governance, leadership and management	Institutional vision and leadership	Vision and organizational charts are verified	Good
		Strategy development and deployment	Department strategic plan is verified	Necessary actions are taken to adhere the strategic plan
		Facility empowerment strategies	Appropriate evident from the curriculum design, teaching	Enough liberty were given to faculty members

		innovation, imprest money and association activities	
		Financial management and resource mobilization	Budget file is verified
		Internal quality assurance system	Previous audit reports are verified
8.	Continues improvement	Improvement success index	Improvement file is verified
		Improvement faculty research publication	Research file is verified
		Continuing Education	Training records are verified
		New facility created	Lab files are verified
9.	Innovations and best practices	Environment consciousness	Campus is green and clean. The water treatment and sewage plants are available
		Innovations	OHE, AEROMODELLING file is verified
		Best practices	Effective academic and research process through innovations and collaboration

Auditor signature

1. *8/12/17*
Dr. E. Prakash

:..... ASP./MECH.....

:..... Banneri Amman Inst.
St. Tech., Setty
(Exd. Auditor)

2. *8/12/17*

Dr. A. Sivakumar

2. *8/12/17*
Dr. V. Hanuman

{ Internal Auditor }

Signature of HOD of audited department

{ Dr. P. Navaneethakrishnan }
HOD/MECH

8/12/17



KONGU ENGINEERING COLLEGE

(Autonomous)
PERUNDURAI, ERODE - 638 060



Academic Audit-Action Taken Report-2017-18

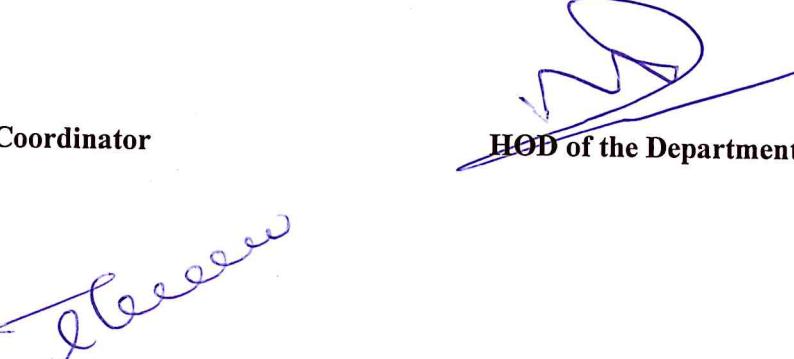
Name of the Department : Mechanical Engineering

Date of Audit : 08.12.2017

Date of Action Taken : 08.12.2017

Sl. No.	Audited by (Name with designation and department)	Observations and Non Conformity (NC)	Explanation and Action taken	ISO Coordinator's Verification
1.	Dr.E.Prakash Associate Professor Department of Mechanical Engineering Bannari Amman Institute of Technology Sathyamangalam, Erode	List of MOU files are verified	More relevant core companies may be identified	-

Name and Signature of the ISO Coordinator



HOD of the Department

Signature of Management Representative (MR)
(Dr.A.Sivakumar / Faculty of Mechanical Engineering)
(IQAC Coordinator)

KONGU ENGINEERING COLLEGE PERUNDURAI ERODE
Academic Audit Check List and Findings – 2017-18 / ODD SEMESTER

Auditor Name with Designation and Address : Dr.M.Rengasamy /Assistant Professor / Petrochemical Technology
 Date of Audit : 09.12.2017
 Department Audited : Chemical Engineering

Sl. No.	Criteria	Sub criteria	Sample records taken for audit with details	Audit findings
1.	Curriculum aspects	Curricular design and development	Curriculum and Syllabus book verified	All components of program specific criteria are included in the curriculum CBCS provides academic flexibility to students
		Academic flexibility		
		Curriculum enrichment	BOS file verified	Curriculum was enriched based on input obtained from industrial and academic experts
		Feedback system	File verified (Course design form)	Feedback system was good
		Formulation and Defining level of PEO, PO & PSO (Refer all Courses and level of fitting) Level of improvement for last two years curriculam	Curriculum book verified for 2011 and 2014 regulation	New courses and open electives were introduced
2.	Teaching-learning	Student enrolment and profile	Students record verified	Students performance in Semester examination and their participation in extra and co- curricular activities details are entered in the students record and verified by Head of the Department regularly
		Catering to student diversity	--	--
		Teaching-learning process	Sample course files verified	The teaching learning

				process is enhanced in the basic sciences/ engineering laboratories through usage of (i) Moodle software (ii) Use of Prosimulator (iii) Use of cloud computing Instructional and experimental learning was followed
	Teaching quality	AC 06 verified		Innovative teaching may be improved
	Evaluation process and reforms	Answer key in intranet & revaluation		No findings
	Student performance and learning outcomes 1. Mapping of PO and CO 2. Attainment level of courses 3. Any other observation 4. Program Assessment committee(PAC) 5. CCC meeting	Sample course file verified (2017-18)		No findings
	Improvement of Success rate with out backlog for past two years (Indicate values for interpretation)	To be calculated after the publication of semester result		--
	Improvement of Success rate with backlog for past two years(Indicate values for interpretation)	To be calculated after the publication of semester result		--
	Improvement of academic performance for last two years(Indicate values for interpretation)	To be calculated after the publication of semester result		--
	Improvement of Placement ratio (placement, higher studies and Entrepreneurship-Indicate values for interpretation)	To be calculated after the publication of semester result		--
	Any practical component teaching methodology	Sample files verified		Practical oriented courses – Fluid Mechanics and Process Instrumentation and control
3.	Student support and	Student mentoring and support	Remedial class, Counseling record	Tutorial classes are regularly

	progression		verified	held for quantitative / mathematically oriented 4 credit courses. This is indicated in the time table and meticulously followed and monitored by the Head of the department. External counselors (psychiatrist) can be arranged
		Student progression	Students record verified	Separate meeting was arranged for the students those who are failed in two courses in the end semester examination to improve their progress The progress of the students in academics is discussed with their parents through Parents Teachers meeting twice in a year
		Student participation and activities	Paper presentation file verified	Students are associated with consultancy works and help the faculty in data collection, analysis and design of the system. This enhances the practical knowledge of the students and helps them to perform their project work in better manner.
4.	Faculty contribution	Faculty qualifications	Certificate file verified	Diversified faculty qualifications
		Faculty cadre ratio	All order copies verified	--
		Faculty competences correlation to program me specific criteria	TR 02 verified	Matched with Program specific criteria
		Faculty participation / resource person/ development / training	TR 01 verified	Encourage all the faculty to attend training programmes Faculty is required to visit

				atleast one industry in a month to gain practical knowledge and identify the areas in which consultancy work can be undertaken in that unit. Newly joined faculty members are required to undergo training in a process chemical industry to gain exposure in the latest technology and submit the report to the Head of Department
		Faculty research publications	Research publication file verified	Good publication in SCi journals
		Faculty IPR	No records	-
		Funded R &D projects	Ongoing R & D projects verified	More faculty should involve to get funded projects
		Faculty interaction outside /abroad	Biodata file verified	Needs improvement
5	Research, consultancy and extension	Promotion of research	Sponsorship for paper presentation , conference & seminars	Needs improvement
		Resource mobilization for research	Funding agency approval & UC verified	
		Research facilities	Research lab established	
		Research publications and awards	Research publication file verified	
		Consultancy	Consultancy file verified	
		Extension activities and institutional social responsibility	Social activities related files verified	
		Collaborations	MOUs verified	
6.	Infrastructure and learning resources	Physical facilities	Laboratory, class rooms, tutorial hall verified	All lecture halls are provided with Power Point Projection and with Wi-Fi facility All staff cabins are provided with Wi-Fi facility
		Library as a learning resources	Visited physical facility of library	Need more books for department library
		IT Infrastructure	Common computer Centre for SCFS	New simulation package

				PROSIM has been installed in the simulation laboratory to help faculty to improve teaching learning process
		Maintenance of campus facilities	--	--
7.	Governance, leadership and management	Institutional vision and leadership	Vision and Mission statement in the department	Vision and mission activities are at par towards
		Strategy development and deployment	Strategic plan	--
		Facility empowerment strategies	--	--
		Financial management and resource mobilization	Budget allotment expenditure details verified	Budget for each department is prepared by the Head of the Department, consultation with all the staffs taking into account the recurring as well as the capital expenditure for all the laboratories etc., The budget is approved by the management without any change and the department is allowed to operate within the budget.
		Internal quality assurance system	ISO documents	ISO files are verified by the ISO coordinators after each continuous assessment test and is periodically monitored by Head of the Department
		Improvement success index	Success rate verified for (2016-17) & (2015-16)	Improved
8.	Continues improvement	Improvement faculty research publication	Research publication file verified 2016-17	Needs improvement Faculty members are advised to publish their papers in referred SCi journals
		Continuing Education	Non formal course file verified	Good numbers of non formal courses were conducted
		New facility created	PROSIM software is available	Students use cloud computing for submission of assignment and accessing answer key for examination purpose

		Environment consciousness	Campus Visited	Green campus with drinking water and effluent treatment plant
9.	Innovations and best practices	Innovations	Students project / project laboratory	Students are encouraged to exhibit Innovative models and projects in Science and Technology exhibition are screened and patent applications are filed for the same with funding from the Institution
		Best practices	Industrial Guest Lecture, Use of ICT tools, Joint Publication	Resource persons from the industries, Research Institutions and Reputed Institutions visit the college for guiding the students

Auditor signature

: *DR. M. RENAGASAMY*, Dr. M. Renagasamy, BIT campus, Anna Univ. Trichy.

Signature of HOD of audited department

: *Dr. M. Renagasamy*

KONGU ENGINEERING COLLEGE PERUNDURAI ERODE

Academic Audit Check List and Findings

Auditor Name with Designation and Department

: Dr. S VIJAYACHITRA, Professor of EIE

Date of Audit

: 01.09.2017

Department Audited

: ECE

Sl. No.	Criteria	Sub criteria	Sample records taken for audit with details	Audit findings
1.	Curriculum aspects	Curricular design and development	<ul style="list-style-type: none"> • Curriculum Formulation • BOS inputs • BOS Member details • BOS minutes 	BOS file - found ok. seen ✓
		Academic flexibility	Industry oriented elective courses Choice based Credit System	IIMT801-Autonomy Elective course file - verified ✓ IIE017-DIM-Course file - full autonomy checked ✓
		Curriculum enrichment	One credit and Autonomy courses Value added courses Theory course with practical component(Course file) Mini Projects(LIC Course file)	3 course courses - completed ✓ 7 courses - completed - verified ✓ full autonomy course IIE017 14ECT52 LIC - course file with mini projects - checked ✓
		Feedback system	<ul style="list-style-type: none"> • Student feedback on course and faculty file • Parent feedback • Alumni feedback • Course monitoring minutes feedback file 	Overall file - feedback - faculty & course wise - seen. D.O.M : 03 of 16 meeting minutes - action - seen. Yogi swami - uca - 19/15/14. fB given - seen. IV - 13 - MM-II 27-8-16 seen. File - details - ok ✓
2.	Teaching-learning	Student enrolment and profile	Cut off mark details file	File - details - ok ✓
		Catering to student diversity	Remedial Classes Counseling File Supplementary Class File Value added courses Internship & awards won by students OHE, Paper & Project file	IIEC107-DIP, PEC101 - T4N Student counseling form & list 14ECT32 - imp. list - circular seen. udhaya semicards - kyc & paper prn - letter seen. student award - letter seen. Paper prn intent, OHE list.
		Teaching-learning process	Course File	14ECT63 - Ant. Di - Dm - seen
		Teaching quality	Student feedback on teachers File	overall fB - file - sign not found

		Evaluation process and reforms	Theory & Lab Courses file Parent Intimation file	Theory - Aw+file ✓ BTECH 53rd Appns file ✓ Details of CAPA from COE & H.
		Student performance and learning outcomes	Success rate file — Placement file Student Internship and Industrial projects file Higher Education file Entrepreneur file	Accenture — Abhirami RS offers Ind. Proj - Varun - Dinesh S. Internship ✓ MATISONE - Vignesh S and T file with comp. ID ✓ Seen
3.	Student support and progression	Student mentoring and support	Counseling and Adoption File	Consulting file - Seen.
		Student progression	Result Analysis File Higher education file Entrepreneur file	✓ ✓ ✓ Results - analysis - sub. ✓
	Faculty contribution	Student participation and activities	Association (ECEA & ISF) file Value Added Courses file Implant Training file Paper & Project Presentations and award file	File with event details ✓ seen. File with details ✓ seen seen.
		Faculty qualifications	Faculty qualification file	list with certificates ✓
4.	Faculty contribution	Faculty cadre ratio	Faculty cadre ratio file	list & calendar ✓
		Faculty competences correlation to program me specific criteria	TR01 & TR02 file	SKILL matrix Tr. attended - certificates TR01 & 02 files ✓
		Faculty participation / resource person/ development / training	Training File Resource Person details file	✓ institutions attended ✓
		Faculty research publications	Journal & Conference publication file	list & journals - seen.
		Faculty IPR	Patents file	Dr Sm - list - certificates
		Funded R & D projects	R&D Project file	vac minor project file ✓
		Faculty interaction outside /abroad	Resource Person details file Conference attended abroad Recognition file	seen Dr. S.D.K & SA - Conference - Dr. Cm. & B. Evaluation, Supervision consolidated list & detail (03) ✓ seen
5		Promotion of research	Sponsored seminars file Project proposal File	list - applied - (Projects list) (03) ✓
	Research, consultancy and extension	Resource mobilization for research	R&D budget utilization file	Overall R&D notebook. ✓
		Research facilities	Software design tools and license file	Tool tools, license - list. ✓

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		Research publications and awards	Journal & Conference publication file	- seen.
		Consultancy	Consultancy project file	✓ consolidated list & details. ✓
		Extension activities and institutional social responsibility	IIPC self supporting courses file	✓ overall list & details (calender) ✓
		Collaborations	Industry Collaborations File	mcu (project coll. & partners) ✓
6.	Infrastructure and learning resources	Physical facilities	Infrastructure and Laboratory detail file	class room - details of plan - equipment details
			Teaching aid file	Book Journal list, Project list
		Library as a learning resources	Library file	Faculty Computer - Sign. details
		IT Infrastructure	Computing facility file	Quality circle - meeting minutes
		Maintenance of campus facilities	Maintenance file	Powers
7.	Governance, leadership and management	Institutional vision and leadership	Faculty contributions to Institution (academic calendar)	i/c - college calendar, mcu list & prof. seen.
		Strategy development and deployment	Strategic plan file	file - seen.
		Facility empowerment strategies	Conference attended abroad	seen. -
		Financial management and resource mobilization	Department budget file	File - seen. ✓
		Internal quality assurance system	CCR and NCR registers	File - seen.
8.	Continues improvement	Improvement success index	Success rate file	Results file.
		Improvement faculty research publication	Improvement faculty research publication file	your improvement list & prof.
		Continuing Education	Higher Studies file Higher education Faculty file Value added courses file Self supporting courses file	file - seen. Dr D. registration, dep. no file. IIPC file. ✓
		New facility created	Smart Classroom file	budget, purchase - ✓
				NSS, NCC, cultural, Enviro. file
9.	Innovations and best practices	Environment consciousness	Extra Curricular activities file	NPTEL, Smart class, Google class
		Innovations	Innovative teaching methods file	Senior students - junior
		Best practices	Best practices file	training - list & prog

Auditor signature

: *huk* 01/09/17

Signature of HOD of audited department

: *anupama* 01/09/2017

KONGU ENGINEERING COLLEGE, PERUNDURAI ,ERODE

Academic Audit Check List and Findings - Academic Year & Semester (2017-18 & ODD)

Auditor Name with Designation and Address : Mr.K.Krishnamoorthy, Associate Professor, Mechanical, K.S.R.College of Technology, Thiruchengode.

Date of Audit : 09.12.2017
Department Audited : Mechatronics

Sl. No.	Criteria	Sub criteria	Sample records taken for audit with details	Audit findings
1.	Curriculum aspects	Curricular design and development	BOS file (2014R) : Stakeholders feedback and BOS meeting minutes	All documents are available
		Academic flexibility	2014R Curriculum and syllabus book Followed Choice based credit system	List of open electives and one credit courses are verified
		Curriculum enrichment	BOS file (2014R) : Presence of other reputed institutions syllabus Conducted One credit and value added courses(Lab View Core-I&III)	satisfactory
		Feedback system	BOS file (2014R) : Periodically collected the feedback from Stakeholders	Alumni, Graduate and employer feedback available
		Formulation and Defining level of PEO, PO & PSO Level of improvement for last two years curriculum	Well defined PEO,PO &PSO Available Good	All documents available
2.	Teaching-learning	Student enrolment and profile	II Year A Student Record	All documents available
		Catering to student diversity	III Year B Student Record Methods of identification of weak students and remedial action taken	All documents are available
		Teaching-learning process	Faculty Course file Mr. T.Mohanraj –14MTT72Industrial Robotics(IV-A)	All documents are available
		Teaching quality	End Semester feedback Report& Course Monitoring Committee File	All documents are available

			Course line verified: 14MTT62 – Fluid power system	available
		Evaluation process and reforms	Internal Mark calculation verified: 14MTT31-Analog Devices and Digital Circuits Conducted Practical oriented assignments,Mini projects	All documents are available
		Student performance and learning outcomes <ol style="list-style-type: none">1. Mapping of PO and CO2. Attainment level of courses3. Any other observation4. Program Assessment committee(PAC)5. CCC meeting	Faculty Course file Dr.C.Maheswari –14MTT51Microprocessor and Microcontroller Applications(III-B) Minutes of Meeting Students project reports are verified	All documents are available
		Improvement of Success rate without backlog for past two years (Indicate values for interpretation)	End Sem Report(IV Year) 2015-2016 -91.97% 2016-2017-88.72%	Data verified
		Improvement of Success rate with backlog for past two years(Indicate values for interpretation)	Student Record 2015-2016-91.00% 2016-2017-88.00%	Data verified
		Improvement of academic performance for last two years(Indicate values for interpretation)	II YEAR End Sem Report 2015-2016: ODD-51.52% EVEN:65.93% 2016-2017-ODD-60.99% EVEN:72.14% III YEAR End Sem Report 2015-2016-ODD-62.04% EVEN:73.88% 2016-2017-ODD-64.93% EVEN:70% IV YEAR End Sem Report 2015-2016-ODD-75.36% EVEN:91.97% 2016-2017-ODD-82.09% EVEN:88.72%	Data verified
		Improvement of Placement ratio (placement, higher studies and Entrepreneurship-Indicate values for interpretation)	Placement File 2015-2016-70% 2016-2017-72%	Data verified
		Any practical component teaching	Laboratory oriented teaching,	All documents are

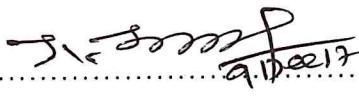
		methodology	Practical assignments Industrial visit, Virtual Lab	available
3.	Student support and progression	Student mentoring and support	Student record file Counselling, Parents Teacher meeting minutes	All documents are available
		Student progression	Semester report Participated Paper presentations in various institutions like IIT & NITs , Exhibited projects in Open House Exhibition	Documents well maintained
		Student participation and activities	Semester report Association and club activities	Documents available
4.	Faculty contribution	Faculty qualifications	Bio data file-Individual Faculty Faculty list is verified (Bio-data) Dr.S.Shankar Mr.A.Avenash	Satisfied the requirements
		Faculty cadre ratio	Faculty and student Nominal roll-Department Office List of Faculty with qualification: Professors: 4 Nos. Associate Professors:6 Nos. Assistant Professors : 17 Nos.	Data available
		Faculty competences correlation to programme specific criteria	Bio data file-Individual Faculty Faculty Bio-data: Dr.B.MeenakshpPriya Mr.A.Shanmugam	Data available
		Faculty participation / resource person/ development / training	Semester report & Faculty Bio data file List of activities by faculty is verified: Dr.P.Ravichandran Mr.A.Balaji	Documents available
		Faculty research publications	Semester report & Faculty Bio data file List of publications by faculty is verified: Mr.R.NithyaPrakash T.Mohanraj	Documents available
		Faculty IPR	List of Patent Applied verified: 1.Dr.R.Kiruba Shankar-Development of Automatic multipurpose food powder machine	Documents available

			for value addition & co products(Applied) 2.S.Praveen Kumar(One patent applied)	
		Funded R &D projects	List of R&D projects obtained by faculty is verified: 1.Dr.V.G.Prathhep-Green-Roofing Sheets using Natural Fibers for Eco-Friendly Environment IEI-Rs.30,000.00 2. Dr.V.G.Prathhep -Automatic Money Separator and Estimator- TNSCST-Rs.10,000.00 3.A.Balaji- Design and Fabrication of Automatic Disposal of Garbage in Apartments and Convert into Manure- TNSCST-Rs.10,000.00 4. Dr.K.Gomathi- Design and Fabrication of Automatic Paper Bag Making Machine- TNSCST-Rs.10,000.00	All documents are available
		Faculty interaction outside /abroad	Semester report &Faculty Bio data file List of invited talk by faculty is verified Dr.S.Shankar	-
5	Research, consultancy and extension	Promotion of research	1.Dr.P.Ravichandran &Dr.K.Gomathi completed Ph.D. Viva Voce 2.T.Mohanraj-Thesis submitted	Data verified
		Resource mobilization for research	R&D file is verified	All documents are available
		Research facilities	List of research equipment available in all laboratories is verified Ball and Beam Digital Control System, Inverted Pendulum – Robotics Lab Hydraulic trainer Kit Proportional & Servo hydraulic kit – Fluid power lab PH neutralization set up –research Lab	Equipment registers and utilization details are verified
		Research publications and awards	Semester report &Faculty Bio data file Dr.N.Nithyavathy-PK Das Memorial award(Applied in Nehru Institutions)	All documents are available

			Dr.C.Maheswari-Applied for IE Awards	
		Consultancy	IIPC File Venbro polymers	All documents are available
		Extension activities and institutional social responsibility	T.Mohanraj&V.Arunkumar conducted Tracker workshop at Navarasam School,Palliyuthu NSS team functioning very well in the institution	All documents are available
		Collaborations	IIPC File MoU with ROOTS Industries, Coimbatore	Documents available
6.	Infrastructure and learning resources	Physical facilities	Class room and laboratory requirements and availability as per AICTE	All facility available as per AICTE norms
		Library as a learning resources	List of books available in the department and student utilization register is verified Available with well-equipped learning resources	All documents are available
		IT Infrastructure	Computer facility and internet speed is verified: CAM centre and Virtual Instrumentation Interfacing and Robotics Laboratories documents	All documents are available
		Maintenance of campus facilities	Well maintained infrastructure facilities Equipment maintenance register and UPS service documents are verified CAM Centre & Robotics Lab	All documents are available
7.	Governance, leadership and management	Institutional vision and leadership	Institution Vision and statement are present. Organization chart is verified	All documents are available
		Strategy development and deployment	Department strategic plan is available and the minutes of meeting is verified	All documents are available
		Facility empowerment strategies	Good Support for Faculty Development Programme like seminar,workshop,conferences etc.	All documents are available
		Financial management and resource mobilization	Department budget file is verified	All documents are available
		Internal quality assurance system	Conducted periodic ISO Audits Previous audit reports are verified	All documents are available

		Improvement access index	Placement strategies and Higher education activities Continuous improvement file is verified	All documents are available
8.	Continues improvement	Improvement faculty research publication	Semester Report & R&D file is verified	All documents are available
		Continuing Education	Faculty training file is verified Attended in NPTEL on line and SWAYAM Courses	Sufficient number of training program are attended by faculty members
		New facility created	Laboratory documents are verified Established project and Electronics Lab	All documents are available
9.	Innovations and best practices	Environment consciousness	Maintained a clean and good ambient environment Projects list done by the students related to social and environment is verified	All documents are available
		Innovations	Faculty Course File ICT tools, Virtual Lab open book test, practical oriented assignments and objective type test	Good
		Best practices	Semester report File, Course File & BOS File Student enrichment activities- Introduction of one credit course and theory cum practical courses in the curriculum	All documents are available

Auditor signature

:.....  C K. KRISHNA MOORTHY (Asstt KSRCP)

Signature of HOD of audited department

:..... 

KONGU ENGINEERING COLLEGE PERUNDURAI ERODE
Academic Audit Check List and Findings 2016-2017

Auditor Name with Designation and Department : Dr.S.Ramesh, Professor & Head/EEE, KSR College of Engineering
 Date of Audit : 08.12.2017
 Department Audited : Electrical and Electronics Engineering

Criteria	Sub criteria	Sample records taken for audit with details	Audit findings
Curriculum aspects	Curricular design and development	Inputs are taken from stake holders for designing syllabus, data verified against BOS file	BOS data verified
	Academic flexibility	One credit courses are conducted, Open elective system scheme is adapted and EX-01 file is verified.	Verified elective list files
	Curriculum enrichment	One credit course conducted, New subjects like Electrical safety Engineering etc are introduced.	Respective files are verified
	Feedback system	Employer feedback and Alumini feedback file verified. Course teacher feedbacks, course feedback, follow up if any deviation found is verified.	Respective files verified
Teaching-learning	Student enrolment and profile	Enrollment of students are verified against cut-off marks. Student record was verified	Available
	Catering to student diversity	Fast learner students are encouraged to undergo internship and to take one credit courses. Slow learners are indentified and extra classes were conducted	Available Different scheme of activities for poor learners may be adopted.

	Teaching-learning process and Teaching quality	NPTEL videos and animation based videos were used. Open book test, quiz etc are conducted	Available
	Evaluation process and reforms	Continuous assessment process carries 40% and end semester carries 60% of marks	-
	Student performance and learning outcomes	AC-06 was verified for all classes	Verified
Student support and progression	Student mentoring and support	Each year has one year co-ordinator. Each classes has one advisor and two counselors. Counselling process is carried out by the respective class advisors	It is suggested to use separate counseling record for each students instead of recording as a whole.
	Student progression, Student participation and activities	Internship, Industrial project files, paper and project presentation files were verified	-
Faculty contribution	Faculty qualifications	Faculty profile of Dr.M.Sivachitra, Dr.T.Gunasekar, Mr.M.Srinivasan and Mr.D.Sarathkumar were verified	Verified
	Faculty cadre ratio	Cadre ration was maintained as per norms.	-
	Faculty competences correlation to program me specific criteria	Training Details – Evidence, Skill matrix	More industrial training can be attend by faculty in future
	Faculty participation / resource person/ development / training	FDP, Conference, Workshop attended records was verified	-
	Faculty research publications	Faculty research details – journals and conference papers, funded project list	Scopus Index journal papers can be improved
	Funded R &D projects	R&D files are verified.	-
	Faculty interaction outside /abroad	List-evidence for interaction outside like guest lecture, chief guest were verified	-

Research, consultancy and extension	Promotion of research	Seminar and Workshop sponsored files were verified.	Sanctioned R&D projects is not found
	Resource mobilization for research	Workshop, FDP, conference attended files were verified.	-
	Research facilities	Ansys, LabView, Power Quality Analyzer, Oil testing Kit, Solar panel funded by DST	Separate lab for research is under progress
	Research publications and awards	Publication details of Dr.S.Albert Alexander was verified and award details was verified.	Awards received by faculty outside is minimum
	Consultancy Extension activities and institutional social responsibility	Evidence for consultancy activities taken up – industries visited	-
	Collaborations	MoU's, activities with respect to MoU's companies	MoU'S can be strengthen
Infrastructure and learning resources	Physical facilities	Visited Control System and Nikola Tesla Machines lab and verified respective documents	-
	Library as a learning resources	Records of library were verified. Journals, magazine details were verified.	Utilization of library was improved
	IT Infrastructure	Computer centre and Wi-Fi facilities available	-
	Maintenance of campus facilities	Housekeeping were maintained properly	-
Governance, leadership and management	Institutional vision and leadership	Vision and Mission of institution and department are displayed.	-
	Strategy development and deployment	Department strategy plan was verified.	File verified
	Facility empowerment strategies	Department imprest money register verified.	Data maintained properly
	Financial management and resource mobilization	Budget file is verified.	Utilization of budget is minimal and files were maintained properly
	Internal quality assurance system	Past year audit report was verified.	Available

Continues improvement	Improvement success index	AC-06/AC-07 were verified against student results	Marginal Improvement in results
	Improvement faculty research publication	Publication details of faculty were checked	Improvement in publication count
	Continuing Education	Higher education files were verified	Data verified
	New facility created	New research lab is under process and planned to buy adequate equipment for research facilities.	Verified the undergoing process of research lab
Innovations and best practices	Environment consciousness	Students intern, industrial projects and Open House Exhibition project which were related to environmental concepts were checked.	-
	Innovations	Hardware model assignments and more animation oriented were available	Verified with respective models.
	Best practices	Google Apps, video lecture and other modern teaching process were followed.	Verified with respective video lecture process.

Auditor Signature

(Dr.S.Ramesh, Professor & HOD/EEE, KSR College of Engineering)

Signature of HOD of audited department:

KONGU ENGINEERING COLLEGE PERUNDURAI ERODE

Academic Audit Follow Up Actions (2017-2018 – ODD Sem)

Audit Date: 09.08.2017

18.12.2017

S.No	Department	Audited by	Observation and Non-Conformities	Follow up actions
1	Electrical & Electronics Engineering	Dr.S.Ramesh, Prof/EEE, KSR College of Engineering	<ul style="list-style-type: none"> • Input for framing Curriculum can be expanded. • Cutoff marks of the students are degrading. • Institute-Industry exchange of faculty members can be adopted. • Scopus Index journal papers are low. • Count of MoU's are less. • Strategy plan are followed but seems little more improvement need to be made. • Higher education count should be improved and abroad opportunities for pursing higher education is low. 	<ul style="list-style-type: none"> • Points will be considered while framing 2018-Regulation. • Students are admitted through single window system from Anna University based on the ranking. • Facilities for faculty exchange need to plan in forth coming curriculum. • Faculties are motivated to publish quality paper. • More efforts will be put to improve the MoU's in future. • Faculty members are advised to follow the plan strictly. • Students are motivated to attend special classes to strengthen their preparation towards higher studies.

1.9
28/12/17

ISO Co-ordinator

(Dr.T. Rameshca)

HOD/EEE

KONGU ENGINEERING COLLEGE PERUNDU I ERODE-638060

Academic Audit Check List and Findings 2016-2017

External Auditor Name with Designation and Department

:Dr.K.Srinivasan, Professor & Head/EIE, Sri Ramakrishna Engineering College, Coimbatore-641022.

Internal Auditor Name with Designation and Department

: Dr.P.Nirmala Devi, Professor/ECE, Kongu Engineering College, Perundurai-638060.

Date of Audit

: 09.08.2017

Department Audited

: Electronics and Instrumentation Engineering

Sl. No.	Criteria	Sub criteria	Sample records taken for audit with details	Audit findings
1.	Curriculum aspects	Curricular design and development	<ul style="list-style-type: none"> • Curriculum formulation ✓ • BOS inputs • BOS member details • BOS minutes 	Verified the details
		Academic flexibility	<ul style="list-style-type: none"> • Elective courses (Industry relevant) • Choice based credit system 	Verified elective list files
		Curriculum enrichment	<ul style="list-style-type: none"> • One credit courses • Autonomy courses • Course file • Mini projects 	Respective files are verified
		Feedback system	<ul style="list-style-type: none"> • Student feedback on course and faculty • Parent feedback • Alumni feedback • Course monitoring minutes feedback 	Verified and found to be in effective operation
2.	Teaching-learning	Student enrolment and profile	<ul style="list-style-type: none"> • Cutoff mark details 	Verified
		Catering to student diversity	<ul style="list-style-type: none"> • Remedial classes • Counseling file • Supplementary class • Value added courses • Internship and awards won by students • OHE, paper and project file 	Verified Different scheme of activities for poor learners may be adopted.

		Teaching-learning process and Teaching quality	<ul style="list-style-type: none"> • Course file • Student feedback on faculty 	Verified the sample course files and found improvement.
		Evaluation process and reforms	<ul style="list-style-type: none"> • Theory and lab course file • Parent intimation file 	Verified the theory course and laboratory course files and parents intimation letters
		Student performance and learning outcomes	<ul style="list-style-type: none"> • Success rate file • Placement file • Students internship and industrial project file • Higher education file • Entrepreneur file 	Verified
3.	Student support and progression	Student mentoring and support	<ul style="list-style-type: none"> • Counseling and adoption file • Higher education file • Entrepreneur file 	It is suggested to use separate counseling record for each students instead of recording as a whole.
		Student progression	<ul style="list-style-type: none"> • Result analysis file • Higher education file • Entrepreneur file 	Verified
		Student participation and activities	<ul style="list-style-type: none"> • Association file • Value added courses • Paper and project award file • In-plant training file 	Verified.
4.	Faculty contribution	Faculty qualifications	<ul style="list-style-type: none"> • Faculty qualifications file 	Verified
		Faculty cadre ratio	<ul style="list-style-type: none"> • Faculty cadre ratio 	Verified
		Faculty competences correlation to program me specific criteria	<ul style="list-style-type: none"> • TR01 & TR02 file 	Verified
		Faculty participation / resource person/ development / training	<ul style="list-style-type: none"> • Training file • Resource person details file 	Verified
		Faculty research publications	<ul style="list-style-type: none"> • Journal and conference publications file 	Verified
		Faculty IPR	<ul style="list-style-type: none"> • Patents file 	-
		Funded R &D projects	<ul style="list-style-type: none"> • R &D projects file 	Verified
		Faculty interaction outside /abroad	<ul style="list-style-type: none"> • Resource person details file 	

2020

			<ul style="list-style-type: none"> • Conference attended abroad • Recognition file 	Verified
5	Research, consultancy and extension	Promotion of research	<ul style="list-style-type: none"> • Sponsored seminars file • Project proposal file 	Verified
		Resource mobilization for research	<ul style="list-style-type: none"> • R&D budget utilization file 	Verified
		Research facilities	<ul style="list-style-type: none"> • Software design tools and license file 	Verified
		Research publications and awards	<ul style="list-style-type: none"> • Journal and conference publications file 	Verified
		Consultancy	<ul style="list-style-type: none"> • Consultancy project file 	Verified
		Extension activities and institutional social responsibility	<ul style="list-style-type: none"> • IIPC Self supporting courses file 	Verified
		Collaborations	<ul style="list-style-type: none"> • Industry collaborations file 	Verified the MOU signed
6.	Infrastructure and learning resources	Physical facilities	<ul style="list-style-type: none"> • Infrastructure and laboratory detail file • Teaching aid file 	Verified the plan and details
		Library as a learning resources	<ul style="list-style-type: none"> • Library file 	Verified the library utilization-Books issue register.
		IT Infrastructure	<ul style="list-style-type: none"> • Computing facility file 	Verified the CC facilities
		Maintenance of campus facilities	<ul style="list-style-type: none"> • Maintenance file 	Verified the preventive maintenance file
7.	Governance, leadership and management	Institutional vision and leadership	<ul style="list-style-type: none"> • Faculty contributions to institution 	Verified the academic calendar
		Strategy development and deployment	<ul style="list-style-type: none"> • Strategic plan file 	File verified
		Facility empowerment strategies	<ul style="list-style-type: none"> • Conference attended abroad 	Data maintained properly
		Financial management and resource mobilization	<ul style="list-style-type: none"> • Department budget file 	Maintained properly
		Internal quality assurance system	<ul style="list-style-type: none"> • CCR and NCR registers 	Checked
8.	Continues improvement	Improvement success index	<ul style="list-style-type: none"> • Success rate file 	Verified the results file.
		Improvement faculty research publication	<ul style="list-style-type: none"> • Improvement faculty research publication file 	Verified the faculty Publications-R&D file
		Continuing Education	<ul style="list-style-type: none"> • Higher studies file • Higher education faculty file • Value added courses • Self supporting courses file 	PhD registration file, IIPC files-verified



		New facility created	Established the Industrial Automation lab and Biomedical lab	Verified the plan and its effectiveness
9.	Innovations and best practices	Environment consciousness	<ul style="list-style-type: none"> Extracurricular activities file 	NCC, NSS, EMDC files -verified
		Innovations	<ul style="list-style-type: none"> Innovative teaching methods file 	NPTEL Video lectures and animation based lectures-verified from course file
		Best practices	<ul style="list-style-type: none"> Best practices file 	Senior students trained the junior students- Placement file-verified

Internal Auditor signature
(Dr.P.NIRMALA DEVI)

External Auditor signature
(Dr.K.SRINIVASAN)

Signature of HOD of audited department
(Dr.U.S.RAGUPATHY)

KONGU ENGINEERING COLLEGE PERUNDURAI ERODE-638060

Academic Audit Follow Up Actions (2016-2017)

Audit Date: 09.08.2017

29.08.2017

S.No	Department	Audited by	Observation and Non-Conformities	Follow up actions
1	Electronics and Instrumentation Engineering	1. Dr.K.Srinivasan, Professor & Head/EIE, Sri Ramakrishna Engineering College, Coimbatore-641022 (External) 2. Dr.P.Nirmala Devi, Professor/ECE, Kongu Engineering College, Perundurai-638060 (Internal)	<ul style="list-style-type: none"> • Different scheme of activities for slow learners may be adopted. • counseling records can be maintained for the students • Scopus Index journal papers can be improved • Utilization of library – record need to be updated • Innovations in Teaching and Learning can be brought in. 	<ul style="list-style-type: none"> • It is planned to conduct Remedial classes for slow learners. • Maintained the counseling records • Updated the library utilization register • Faculty members are motivated to publish quality paper. • Faculty members are advised to use more modern tools like Moodle, Google class room in forth coming semesters.

N.MOHAN
M.OHAN
ISO Co-ordinator
K.PRABHU

29/08/17
HOD/EIE

KONGU ENGINEERING COLLEGE, PERUNDURAI, ERODE

Academic Audit Check list and Findings - Academic Year & Semester (2017 & ODD)

Auditor Name with Designation and Address: Dr.K.Gomathi, Assistant Professor (Sr.G) , Department of Mechatronics Engineering, KEC

Date of Audit: 08.01.2018

Department Audited: Electronics and Instrumentation Engineering

S.No	Criteria	Sub Criteria	Sample Records taken for audit with details	Audit Findings
1.	Curriculum aspects	Curricular design and development	BOS file (2014 R)	Available
		Academic Flexibility	2014 R curriculum and syllabus book	open elective, NPTEL and GIAN courses available
		Curriculum Enrichment	Value added courses	Nil -for this semester
		Feedback System	BOS file (2104 R)	Stakeholders feedback not available
		Formulation and Defining level of PEO, PO & PSO Level of improvement for last two years curriculum	Documents Verified	Feedback from stakeholders are not available
2.	Teaching - Learning	Student enrolment and Profile	Student strength verified for II year, III year and IV year Student Record verified for III and IV year	Good All Student Record need to be completed
		Catering to student diversity	Male female Ratio Board of Education	All documents available
		Teaching - Learning Process	Faculty- Mrs. Sasireka ,course file- 14EIT32- Electron Devices and Circuits	Sample Assignments should be corrected

	Teaching Quality	Course file 14EIE- Power Plant Instrumentation	Satisfactory
	Evaluation process and reforms	Internal mark Calculation, Assignments and Other assessments	All documents available
	Student performance and learning outcomes 1. Mapping of PO and CO 2. Attainment level of courses 3. Any other observation 4. Program Assessment Committee (PAC) 5. CCC Meeting	CCC meeting minutes Project reports of students verified	All documents available
	Improvement of success rate without backlog for past two years (Indicate values for interpretation)	End Semester Results verified	Good
	Improvement of success rate with backlog for past two years (Indicate values for interpretation)	End Semester Results verified	Good
	Improvement of academic performance for past two years (Indicate values for interpretation)	End semester Report	Improvement Identified
	Improvement of placement ratio (placement, higher studies and Entrepreneurship Indicate values for interpretation)	Placement File 2016-17 Willing: 98/122 Placed: 80 Core : 15 Nos	Data verified Good
	Any practical component teaching methodology	i) 14EIT51- Industrial Instrumentation -II- Dr.Vijayachithra	Course files verified

			ii) Industrial Visit and Field Visit 14EIT33- Electrical and Electronics Measuring Instruments- Dr.T.KalavathiDevi Lab oriented teaching	
3.	Student support and Progression	Student mentoring and Support	Counseling Note Verified	Data verified
		Student Progression	59 Projects exhibited in OHE Agro Bot project won prize in TAFE	Data verified Good
		Student Participation and activities	Paper / project presentation file Technical Society activities-ISOI	Good
4.	Faculty Contribution	Faculty Qualification	Bio data File verified	Data verified
		Faculty Cadre ratio	Faculty nominal roll from office Professors: 3 Nos. Associate Professor: 5 Nos. Assistant Professor(SLG):01 Assistant Professor(SRG):04 Assistant Professor: 17 Nos.	Data Available
		Faculty competences correlation to programme specific criteria	Bio data file	Documents Available
		Faculty participation/resource person/development / training	Bio data file	Documents Available
		Faculty research Publications	Bio data file Verified Journal:04 H index/: 1	Documents Available
		Faculty IPR	Patent File	Nil
		Funded R & D projects	Funded Projects	Nil
5.	Research	Promotion of Research	Dr.J.Indra- Ph.D viva voce completed	Document Available

	consultancy and extension	Resource mobilization of research	R & D File	Documents Available
		Research Facilities	Research Equipment Available UGC Fund-2015- Spherical Tank Setup	Documents Available
		Research publications and Awards	Best Professor Award: Dr.S.Vijayachithra Best Researcher Awar: Dr.J.SujiPrasad and Dr.T.KalavathiDevi	Documents Available
		Consultancy	IIPC File Verified	Consultancy found to be very low
		Extension activities and Institutional and responsibility	Association File	Documents Available
	Infrastructure and Learning resources	Collaborations	MoU with i) Trend Automation, Chennai ii) VI Microsystems, Chennai iii) ABE Semiconductor, Bangalore iv) Yokogawa, Bangalore	One Credit courses conducted
6.		Physical facilities	Class room and laboratory requirements are available as per AICTE	All facility available as per norms
		Library as a learning resources	i)No of Books ii)No of journals iii) OHE Book and verified	Documents Available
		IT Infrastructure	Computer facility and computer centre lab files verified	Good
	Governance, leadership and management	Maintenance of campus facilities	Equipment maintenance register	Good
7.		Institutional vision and leadership	Institution vision and Mission statement	Documents Available
		Strategy Development and deployment	Department Strategic Plan verified	Documents Available
		Facility empowerment	Skill matrix verified (TR 01)	Documents Available

		strategies		
		Financial management and resource mobilization	Budget file verified	Utilization found to be very low
		Internal Quality assurance System	ISO register verified	Documents Available
8.	Continuous Improvement	Improvement Success Index	Placement File 2016-17 Willing: 98/122 Placed: 80 Core : 15 Nos Higher education file verified	Documents Available More training may be given
		Improvement faculty research publication	R & D file verified	Department citations seems to be low
		New facility Created	Laboratory documents verified	Documents Available
9.	Innovations and beat practices	Environment consciousness	Projects done by students verified	Documents Available
		Innovations	Faculty Course File Google forms- LIC,VI,PLC Project based assignment- Control System	Documents Available
		Best Practices	One credit course file verified	Documents Available

Auditor Signature :



Signature of HOD of audited Department :



Academic Audit Follow Up Actions (2017-2018) Odd Semester

Audit Date: 08.01.2018

05.02.2018

S.No	Department	Audited by	Observation and Non-Conformities	Follow up actions
1	Electronics and Instrumentation Engineering	1. Dr.K.Gomathi, Assistant Professor(Sr.G)/Mechatronics, Kongu Engineering College, Perundurai, Erode-638060	<ul style="list-style-type: none"> • Student records of III and IV year to be completed • Sample assignments should be corrected • Consultancy found to be very low • Department citations seems to be low • Non-formal courses may be conducted • Utilization of budget found to be very low • More placements related trainings may be given to the students 	<ul style="list-style-type: none"> • Updated the student records • Corrected the assignments and updated in the course file • Faculty members are reviewed individually by the Head of the Department and requested to take-up the consultancy work from the Industries • Faculty members are motivated to publish quality research papers in reputed journals • Planned to conduct in forth coming semester • Lab In charges are informed to utilize the budget as per the budget raised during the academic year 2017-18 • No. of activities conducted for IV Year-21& III Year-5 • One value added course titled “Data Structures- A Placement Perceptive” conducted for the benefit of the IV year students • It is also planned to conduct more placement training activities during the even semester

K. PRABHU M. MADHAN MOTHAN
 ISO COORDINATORS
K. Prabhu *M. Madhan Mothan*

HOD/EIE
R. Srinivas

KONGU ENGINEERING COLLEGE PERUNDURAI ERODE

Academic Audit Check List and Findings

Auditor Name with Designation and Department : Dr. P. Perumal, Professor, Department of Computer Science and Engineering,
Sri Ramakrishna Engineering College, Coimbatore.

Date of Audit : 08.12.2017

Department Audited : Computer Science and Engineering

Sl. No.	Criteria	Sub criteria	Sample records taken for audit with details	Audit findings
1.	Curriculum aspects	Curricular design and development	BOS file	Course design form contains all the stakeholders input.
		Academic flexibility	Curriculum file - Structure of the curriculum	Well defined structure
		Curriculum enrichment	Curriculum book is verified	One credit courses are introduced which fills the curriculum gap
		Feedback system	Feedback files are verified	Actions are taken for the feedback
2.	Teaching-learning	Student enrolment and profile	Student enrollment file	Good
		Catering to student diversity	Slow learners and fast learners counseling files are verified	Sufficient documents are available
		Teaching-learning process	Software Testing, Object oriented analysis and design, Data structures course files are verified	Maintained as per the procedure
		Teaching quality	Machine Learning course file based on application, advanced databases	Sample project report is verified and Audit/Self study courses are introduced

			based on project are verified	
		Evaluation process and reforms	Course files like mobile computing and computer communication networks course files are verified	It follows the standard process.
		Student performance and learning outcomes	Course files like computer organization and total quality management files are verified	CO attainments are shown
3.	Student support and progression	Student mentoring and support	Counseling file is verified	Few students are counseled
		Student progression	Placement, Higher studies and Entrepreneurship files are verified	On Progress
		Student participation and activities	Newsletter file - Publication of Technical Magazines, Newsletters, etc.	2 newsletters are published
4.	Faculty contribution	Faculty qualifications	Faculty profiles are verified	-
		Faculty cadre ratio	Department faculty list is verified	To be improved
		Faculty competences correlation to program me specific criteria	Training program file is verified	Faculty competences are good
		Faculty participation / resource person/ development / training	Faculty profiles are verified	Enough training programs are attended based on the skill matrix
		Faculty research publications	Research file is verified	On progress
		Faculty IPR	--	IPR activities can be initiated
		Funded R &D projects	R&D file is verified	One funded project got sanctioned
		Faculty interaction outside /abroad	Faculty profiles are verified	On progress
5	Research, consultancy and extension	Promotion of research	Research file is verified	--
		Resource mobilization for research	Research file is verified	More fund can be utilized
		Research facilities	Research lab – CC7 documents are verified	Facilities related to research are available
		Research publications and awards	Research file is verified	The quality of the publications may be improved

		Consultancy	Consultancy file is verified	Training programs are shown as major consultancy.
		Extension activities and institutional social responsibility	Documents verified	Socially relevant projects may be improved.
		Collaborations	MOU files are verified	More relevant IT companies may be identified
		Physical facilities	Equipment registers are verified	Sufficient documents are available
6.	Infrastructure and learning resources	Library as a learning resources	Department library documents are checked	--
		IT Infrastructure	Lab documents are verified	Two new labs like mobile communication lab and virtual computing lab works are completed
		Maintenance of campus facilities	Department visit and lab visit	Adequate facilities are available.
		Institutional vision and leadership	Vision and organizational charts are verified.	Good.
7.	Governance, leadership and management	Strategy development and deployment	Department strategy plan is verified	Adequate actions are taken for the strategy plan.
		Facility empowerment strategies	Department Imprest Register is verified	Faculty members are given enough freedom
		Financial management and resource mobilization	Budget file is verified.	Sufficient documents are available
		Internal quality assurance system	Previous audit reports are verified.	----
		Improvement success index	Improvement file is verified.	There is a consistency in the success index.
8.	Continuous improvement	Improvement faculty research publication	Research file is verified.	On Progress
		Continuing Education	Training records are verified	On Progress
		New facility created	Lab files are verified	New 2 labs are completed.
		Environment consciousness	Course files and project files are verified	Google class room are implemented
9.	Innovations and best practices			

	Innovations	Course files are verified	Project based methodology is adopted and more new methodologies may be included
	Best practices	Curriculum and course files are verified	Industry suggested electives are included in the curriculum

Internal Auditor signature

:  (Dr. P. PRIYAKANTH) 8/12/17

External Auditor signature

:  8/12/17 (P. PERMAL)

Signature of HOD of audited department

:  (R. R. RAJALAXMI) 8/12/17

KONGU ENGINEERING COLLEGE PERUNDURAI ERODE
Academic Audit Check List and Findings - 2017-18 (Odd Semester)

Auditor Name with Designation and Address : Dr.V.K.Manavalasundaram, Associate Professor, Velalar College of Engineering and Technology, Erode

Date of Audit : 09.12.17

Department Audited : Information Technology

Sl. No.	Criteria	Sub criteria	Sample records taken for audit with details	Audit findings
1.	Curriculum aspects	Curricular design and development	BoS file	Course design form contains all the stakeholders input.
		Academic flexibility	Curriculum file - Structure of the curriculum	Well defined structure. Includes Programme electives, Open electives, add/drop courses, course advancement.
		Curriculum enrichment	Curriculum book is verified	One credit courses are introduced.
		Feedback system	Feedback files are verified	Actions are taken for the feedback.
		Formulation and Defining level of PEO, PO & PSO (Refer all Courses and level of fitting) Level of improvement for last two years curriculum	Target level for attaining PO and PSO is available. One credit courses on latest trends are introduced.	Target level should be fixed based on some scientific method. One credit courses have been conducted.
2.	Teaching-learning	Student enrolment and profile	Student enrollment file	Good
		Catering to student diversity	Slow learners and fast learners -counseling files are verified	Sufficient documents are available
		Teaching-learning process	Mobile Communication, Web Technology, Data structures and algorithm analysis-I both theory and laboratory course files are verified	Maintained as per the procedure

	Teaching quality	Microprocessor and embedded systems course file is verified	Project based learning is followed. Sample project report is verified.															
	Evaluation process and reforms	Cryptography and Network Security, ,Computer Communication Networks ,Object oriented programming using C++ course files are verified	Maintained as per the procedure															
	Student performance and learning outcomes 1. Mapping of PO and CO 2. Attainment level of courses 3. Any other observation 4. Program Assessment committee(PAC) 5. CCC meeting	Verified syllabus book, course file, PAC and CCC meeting minutes file	Mapping of PO and CO is good. Recorded meeting minutes as per format.															
	Improvement of Success rate without backlog for past two years (Indicate values for interpretation)	2016-17 :52% 2015-16 :39%	Success rate is improved															
	Improvement of Success rate with backlog for past two years(Indicate values for interpretation)	2016-17 :73% 2015-16 :73%	There is a consistency in the success index.															
	Improvement of academic performance for last two years(Indicate values for interpretation)	<table border="1"> <thead> <tr> <th>Year</th> <th>2015-16</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>2nd year</td> <td>62.47</td> <td>78.24</td> </tr> <tr> <td>3rd year</td> <td>66.24</td> <td>70.92</td> </tr> <tr> <td>4th year</td> <td>77.35</td> <td>78.57</td> </tr> </tbody> </table>	Year	2015-16	2016-17	2 nd year	62.47	78.24	3 rd year	66.24	70.92	4 th year	77.35	78.57	Academic performance is improved			
Year	2015-16	2016-17																
2 nd year	62.47	78.24																
3 rd year	66.24	70.92																
4 th year	77.35	78.57																
	Improvement of Placement ratio (placement, higher studies and Entrepreneurship-Indicate values for interpretation)	<table border="1"> <thead> <tr> <th>Academic year</th> <th>Placement</th> <th>Higher studies</th> <th>Entrepreneur</th> <th>%</th> </tr> </thead> <tbody> <tr> <td>2016-17</td> <td>72</td> <td>0</td> <td>2</td> <td>65.49</td> </tr> <tr> <td>2015-16</td> <td>90</td> <td>7</td> <td>7</td> <td>75.36</td> </tr> </tbody> </table>	Academic year	Placement	Higher studies	Entrepreneur	%	2016-17	72	0	2	65.49	2015-16	90	7	7	75.36	Placement ratio has to be improved
Academic year	Placement	Higher studies	Entrepreneur	%														
2016-17	72	0	2	65.49														
2015-16	90	7	7	75.36														
	Any practical component teaching methodology	Verified course life	Project based learning is adapted															

3.	Student support and progression	Student mentoring and support	Counseling file is verified	Evidences are verified.
		Student progression	Placement file is verified	Percentage of placement is good
		Student participation and activities	Students' participation in various activities are verified Newsletter file - Publication of Technical Magazines, Newsletters, etc.	Good number of participation is evident. Hit ratio to be improved. 2 newsletters are published
4.	Faculty contribution	Faculty qualifications	Faculty profiles of Dr.G.K.Kamalam and A.Jeevanantham are verified	
		Faculty cadre ratio	Faculty cadre ratio is checked	Satisfies as per AICTE norms
		Faculty competences correlation to program me specific criteria	Two sample Faculty profile records are verified	Faculty competencies are good
		Faculty participation / resource person/ development / training	Faculty profiles are verified	Enough evidences are available
		Faculty research publications	List of publications is verified	On Progress
		Faculty IPR	List of books written by faculty are verified	Some books are referred in reputed Universities.
		Funded R &D projects	R&D file is verified	On Progress 9 proposals are applied to funding agencies
		Faculty interaction outside /abroad	Faculty profiles are verified	On progress
5	Research, consultancy and extension	Promotion of research	Research file is verified	Ten faculties are pursuing Ph.D .
		Resource mobilization for research	Research file is verified	More fund can be utilized
		Research facilities	Research lab – documents are verified	Facilities related to research are available
		Research publications and awards	Research file is verified	Number of publications may be improved
		Consultancy	Consultancy file is verified	Industrial consultancy has to be improved.
		Extension activities and institutional social responsibility	Documents verified	Socially relevant projects may be improved.
		Collaborations	MOU files are verified	More IT service companies has to be identified

6.	Infrastructure and learning resources	Physical facilities	Equipment registers are verified	Sufficient documents are available
		Library as a learning resources	Department library documents are checked	-
		IT Infrastructure	Lab documents are verified	Two new labs like Advanced Computing and Advanced wireless networks lab are completed
		Maintenance of campus facilities	Good maintenance	It is evident while visiting the campus
7.	Governance, leadership and management	Institutional vision and leadership	Vision and organizational charts are verified.	Good.
		Strategy development and deployment	Department strategy plan is verified	Adequate actions are taken for the strategy plan.
		Facility empowerment strategies	Evident from the Imprest money, Curriculum design, Teaching innovation, Club and association activities.	HoD and Faculty members are given enough freedom
		Financial management and resource mobilization	Budget file is verified.	Sufficient documents are available
		Internal quality assurance system	Previous audit reports are verified.	ISO and autonomous audits are in place.
8.	Continues improvement	Improvement success index	Improvement file is verified	There is a consistency in the success index.
		Improvement faculty research publication	Research file is verified.	Improvements shown. It is under progress
		Continuing Education	Training records are verified	On Progress
		New facility created	Lab files are verified	New 2 labs are completed.
9.	Innovations and best practices	Environment consciousness	Campus is green and clean. Sewage and water treatment facilities are available.	Clean and green environment is available.
		Innovations	Course files are verified	Innovation in Teaching methodologies is shown Five subjects were introduced as Autonomy subjects and changes made in the Continuous assessment Test (CAT) question paper.

		Best practices	<p>Effective Academic and Research Process through Innovation and Collaboration</p> <p>Android Application Development Club is available</p> <p>Social outreach is done through 'Thoorigai' programme</p> <p>Many Training programmes / Workshops for outside faculty and students were conducted.</p>	<p>60 projects were displayed in Open House Exhibition on Science and Technology to bring out the innovative thinking of students. No models are selected for patents and this should be improved.</p> <p>More Industry projects /Internships are encouraged</p> <p>Industry suggested electives are included in the curriculum</p>
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Auditor signature

:
R.K.Manavaracundram
 09/12/18
 (Dr. V. R. MANAVARACUNDARAM, Asstt. Prof., Tatyasaheb Kore Polytechnic)

Signature of HOD of audited department

:
S. Varadharajan
 09/12/18
 (S. VARADHARAJAN)

KONGU ENGINEERING COLLEGE PERUNDURAI ERODE

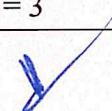
Academic Audit Check List and Findings – 2017-18 & Odd

Auditor Name with Designation and Address :Dr.K.Saravanan, Professor and Head, Department of Chemical Engineering
 Date of Audit :15.11.2017
 Department Audited : Food Technology

Sl. No.	Criteria	Sub criteria	Sample records taken for audit with details	Audit findings
1.	Curriculum aspects	Curricular design and development	Curriculum and Syllabus book verified	All components of program specific criteria are included in the curriculum
		Academic flexibility		CBCS provides academic flexibility
		Curriculum enrichment	BOS file verified	Curriculum enrichment is in progress(2018 regulation)
		Feedback system	File verified (Course design form)	Feedback system was good
		Formulation and Defining level of PEO, PO & PSO (Refer all Courses and level of fitting) Level of improvement for last two years curriculum	Curriculum book verified for 2011 and 2014 regulation	New courses and open electives were introduced
2.	Teaching-learning	Student enrolment and profile	Students record verified	-
		Catering to student diversity	Students diversity verified	-
		Teaching-learning process	Sample course file	Instructional and practical oriented learning was practiced
		Teaching quality	AC 06 verified	-
		Evaluation process and reforms	Answer key in intranet & revaluation	-
		Student performance and learning outcomes 1. Mapping of PO and CO	sample course file verified (2016-17)	Attainment of PO in 2015-16 and 2016-17 were consistent

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		2. Attainment level of courses 3. Any other observation 4. Program Assessment committee(PAC) 5. CCC meeting		
		Improvement of Success rate with out backlog for past two years (Indicate values for interpretation)	2015-16 = 0.33 2016-17= 0.59	Improvement is observed
		Improvement of Success rate with backlog for past two years(Indicate values for interpretation)	2015-16 = 0.81 2016-17= 0.86	Improvement is observed
		Improvement of academic performance for last two years(Indicate values for interpretation)	2015-16 = 6.32 2016-17= 6.06	Academic performance has to be improved
		Improvement of Placement ratio (placement, higher studies and Entrepreneurship-Indicate values for interpretation)	2015-16 = 0.81 2016-17= 0.59	Placement has to be improved
		Any practical component teaching methodology	Sample files verified	Practical oriented courses – Fluid Mechanics, and Process Instrumentation and control
3.	Student support and progression	Student mentoring and support	Remedial class, Counseling record verified	Sufficient mentoring and support provided to students
		Student progression	Placement, higher education & Entrepreneur records verified	2016-17 Placement = 22 Higher Education = 9 Entrepreneurs = 3



				Students should be encouraged to become Entrepreneurs
		Student participation and activities	Paper presentation file verified	Students should be encouraged to participate in national level competition
4.	Faculty contribution	Faculty qualifications	Certificate file verified	Diversified faculty qualifications, young faculties can register for Ph.D
		Faculty cadre ratio	All order copies verified	-
		Faculty competences correlation to program me specific criteria	TR 02 verified	Matched with Program specific criteria
		Faculty participation / resource person/ development / training	TR 01 verified	Faculty should attend more training (STTP/QIP/FDP)
		Faculty research publications	Research publication file verified	Publication in SCI journals available
		Faculty IPR	Verified	One patent got approved and one patent in pipeline
		Funded R &D projects	Ongoing R & D projects verified	Faculty should apply for R&D funded projects
		Faculty interaction outside /abroad	Biodata file verified	Needs improvement
5	Research, consultancy and extension	Promotion of research	Sponsorship for paper presentation , conference & seminars	Consultancy and research projects need to be improved
		Resource mobilization for research	Funding agency approval & UC verified	
		Research facilities	Research lab established (Wastewater treatment & advanced drying Lab)	
		Research publications and awards	Research publication file verified	
		Consultancy	Consultancy file verified	
		Extension activities and institutional	Social oriented programme	



		social responsibility	conduction files verified	
		Collaborations	MOUs verified	Sufficient number of MOU's available. Activities are relevant to MOU's
6.	Infrastructure and learning resources	Physical facilities	Laboratory, class rooms, tutorial hall verified	-
		Library as a learning resources	Visited physical facility of library	-
		IT Infrastructure	Common computer Centre for SCFS	-
		Maintenance of campus facilities	-	Clean and green campus maintained
7.	Governance, leadership and management	Institutional vision and leadership	Vision and Mission statement in the department	-
		Strategy development and deployment	Strategic plan	-
		Faculty empowerment strategies	Empowerment policies verified	-
		Financial management and resource mobilization	Budget allotment expenditure details verified	-
		Internal quality assurance system	ISO documents	Sufficient documents are available
8.	Continues improvement	Improvement success index	Success index verified for (2016-17) & (2015-16)	Improvement in success index is observed
		Improvement faculty research publication	Research publication file verified (2016-17) & (2015-16)	Faculty publications are sufficient
		Continuing Education	Non formal course file verified	-
		New facility created	Equipment like Oil expeller, magnetic stirrer and circulating water bath added during 2017-18	-
9.	Innovations and best practices	Environment consciousness	Campus Visited	Green campus with water treatment plant
		Innovations	Students project / project laboratory	Innovation models placed in project lab



	Best practices	Industrial Guest Lecture, Use of ICT tools, Joint Publication	-
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Auditor signature :

Dr.S.Kandasamy,
Professor,
Department of Food Technology,
Kongu Engineering College, Perundurai

Dr.K.Saravanan,
Professor and Head,
Department of Chemical Engineering
Kongu Engineering College, Perundurai

Signature of HOD of audited department

: R. Ramu

KONGU ENGINEERING COLLEGE PERUNDURAI ERODE

Academic Audit Check List and Findings -2017-18 & Odd

Auditor Name with Designation and Department : Dr.K.Saravanan, Professor and Head, Department of Chemical Engineering
 Date of Audit : 15.11.2017
 Department Audited : Food Technology

Sl. No.	Criteria	Sub criteria	Sample records taken for audit with details	Audit findings
1.	Curriculum aspects	Curricular design and development	Curriculum and Syllabus book verified	All components of program specific criteria are included in the curriculum
		Academic flexibility		CBCS provides academic flexibility to students
		Curriculum enrichment	BOS file verified	Curriculum enrichment is in progress(2018 regulation)
		Feedback system	File verified (Course design form)	Feedback system was good
2.	Teaching-learning	Student enrolment and profile	Students record verified	-
		Catering to student diversity	Students diversity verified	-
		Teaching-learning process	Sample course file	Instructional and practical oriented learning was practiced
		Teaching quality	AC 06 verified	-
		Evaluation process and reforms	Answer key in intranet & revaluation	-
		Student performance and learning outcomes	Continuous Assessment (CA) test performance for few courses verified. ESE yet to be declared	B.Tech II year performance in CA test may be improved
3.	Student support and progression	Student mentoring and support	Remedial class, Counseling record verified	Sufficient mentoring and support provided to students
		Student progression	Placement, higher education & Entrepreneur records verified	2016-17 Placement = 22 Higher Education = 9 Entrepreneurs = 3

8/

				Students should be encouraged to become Entrepreneurs
		Student participation and activities	Paper presentation file verified	Students should be encouraged to participate in national level competition
4.	Faculty contribution	Faculty qualifications	Certificate file verified	Diversified faculty qualifications, young faculties can register for Ph.D
		Faculty cadre ratio	All order copies verified	-
		Faculty competences correlation to programme specific criteria	TR 02 verified	Matched with Program specific criteria
		Faculty participation / resource person/ development / training	TR 01 verified	Faculty should attend more training (STTP/QIP/FDP)
		Faculty research publications	Research publication file verified	Publication in SCI journals available
		Faculty IPR	Verified	One patent got approved and one patent in pipeline
		Funded R &D projects	Ongoing R & D projects verified	Faculty should apply for R&D funded projects
		Faculty interaction outside /abroad	Biodata file verified	Needs improvement
5	Research, consultancy and extension	Promotion of research	Sponsorship for paper presentation , conference & seminars	Consultancy and research projects need to be improved
		Resource mobilization for research	Funding agency approval & UC verified	
		Research facilities	Research lab established (Wastewater treatment & advanced drying Lab)	
		Research publications and awards	Research publication file verified	
		Consultancy	Consultancy file verified	
		Extension activities and institutional social responsibility	Social oriented programme conduction files verified	
		Collaborations	MOUs verified	

				relevant to MOU's.
6.	Infrastructure and learning resources	Physical facilities	Laboratory, class rooms, tutorial hall verified	-
		Library as a learning resources	Visited physical facility of library	-
		IT Infrastructure	Common computer Centre for SCFS	-
		Maintenance of campus facilities	-	Clean and green campus maintained
7.	Governance, leadership and management	Institutional vision and leadership	Vision and Mission statement in the department	-
		Strategy development and deployment	Strategic plan	-
		Facility empowerment strategies	Empowerment policies verified	-
		Financial management and resource mobilization	Budget allotment expenditure details verified	-
		Internal quality assurance system	ISO documents	Sufficient documents are available
8.	Continues improvement	Improvement success index	Success index verified for (2016-17) & (2015-16)	Improvement in success index is observed
		Improvement faculty research publication	Research publication file verified (2016-17) & (2015-16)	Faculty publications are sufficient
		Continuing Education	Non formal course file verified	-
		New facility created	Equipment like Oil expeller, magnetic stirrer and circulating water bath added during 2017-18	-
9.	Innovations and best practices	Environment consciousness	Campus Visited	Green campus with water treatment plant
		Innovations	Students project / project laboratory	Innovation models placed in project lab

	Best practices	Industrial Guest Lecture, Use of ICT tools, Joint Publication	-
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Auditor signature :

Dr.S.Kandasamy,
Professor,
Department of Food Technology,
Kongu Engineering College, Perundurai

Dr.K.Saravanan,
Professor and Head,
Department of Chemical Engineering
Kongu Engineering College, Perundurai

Signature of HOD of audited department

.....R. Ramya.....

KONGU ENGINEERING COLLEGE PURUNDURAI ERODE

Academic Audit Check List and Findings – 201-18 & ODD

Auditor Name with Designation and Address :Dr.K.R.Baskaran ,Associate Professor,Department of IT,Kumaraguru College of Technology,Coimbatore

Date of Audit :08.12.2017
 Department Audited :Computer Technology-UG

Sl. No.	Criteria	Sub criteria	Sample records taken for audit with details	Audit findings
1.	Curriculum aspects	Curricular design and development	B.Sc(CSD,IS and SS) Curriculum ,Regulation and syllabus book	Compare 2011 and 2014 regulation
		Academic flexibility	Subject Exemption for third year student who completed 3 one credit course	Verified the file
		Curriculum enrichment	Introduced current trend subjects	BOS file checked
		Feedback system	Feedback from alumni, employer and customer	Checked the feedback files
		Formulation and Defining level of PEO, PO & PSO (Refer all Courses and level of fitting) Level of improvement for last two years curriculam	--	---
2.	Teaching-learning	Student enrolment and profile	Student performance	Student Record
		Catering to student diversity	100% Management quota	Student Record
		Teaching-learning process	14BCT33-Database Management Systems	Course file verified
		Teaching quality	End semester result analysis	Verified AC06 and AC07
		Evaluation process and reforms	14BIT31-Introduction to Information Technology	Checked the answer sheet of Continuous Assessment Test-III
		Student performance and learning outcomes	---	---

		<ol style="list-style-type: none"> 1. Mapping of PO and CO 2. Attainment level of courses 3. Any other observation 4. Program Assessment committee(PAC) 5. CCC meeting 		
		Improvement of Success rate with out backlog for past two years (Indicate values for interpretation)	---	---
		Improvement of Success rate with backlog for past two years(Indicate values for interpretation)	---	---
		Improvement of academic performance for last two years(Indicate values for interpretation)	---	---
		Improvement of Placement ratio (placement, higher studies and Entrepreneurship-Indicate values for interpretation)	Placement performance(% of students Placed) 78%	Placement file
		Any practical component teaching methodology	Demonstration in class	Computer Architecture- Verified
3.	Student support and progression	Student mentoring and support	Class advisors -handling weak and mischievous students	Class advisors counseling file checked .
		Student progression	Internship for final year project (13 Students)	Internship file
		Student participation and activities	Seen the student paper presentation file	Verified the certificates

		Faculty qualifications	Faculty list with the qualification	Verified
4.	Faculty contribution	Faculty cad e ratio	Total student strength is verified with faculty strength	Checked as 1:18.6
		Faculty competences correlation to programme specific criteria	Faculty profile	Checked
		Faculty participation / resource person/ development / training	Faculty training record is verified	Should be improved in counting
		Faculty research publications	Research file verified	May be improved in research
		Faculty IPR	Patent	To be processed
		Funded R &D projects	UGC research project	verified
		Faculty interaction outside /abroad	Faculty Profile	Verified
5	Research, consultancy and extension	Promotion of research	Research Programme file	Verified
		Resource mobilization for research	Verify the research scholars' file	verified
		Research facilities	Computer Laboratory	Physically verified
		Research publications and awards	Faculty profile	Verified the files
		Consultancy	Different projects has been developed and training has been conducted	Verified the consultancy file
		Extension activities and institutional social responsibility	Students are involved in social responsibilities through Rotaract club	Verified the file
		Collaborations	MoU	Cisco,CDAC,ISACA,Kanita mil peravai
6.	Infrastructure and learning resources	Physical facilities	Class rooms, laboratory and Wi-Fi facilities	Physically verified
		Library as a learning resources	Department library books and journals	Physically verified
		IT Infrastructure	Laboratory with Internet facilities	Physically verified
		Maintenance of campus facilities	Service register for each lab	Register verified
7.	Governance, leadership and management	Institutional vision and leadership	Department vision	Verified
		Strategy development and deployment	Department strategic development file	Verified
		Facility empowerment strategies	Proposal raised by the faculty to purchase recurring/nonrecurring items	Verified the consumable registers

		Financial management and resource mobilization	Head of the department are allowed to spend Rs.5000.	Verified the file
		Internal quality assurance system	Internal audit reports	Verified
8.	Continues improvement	Improvement success index	Success measured in all criteria	--
		Improvement faculty research publication	Faculty profile	Need to be improved
		Continuing Education	Motivated the faculties	Minutes of department meeting
		New facility created	Projectors in class	Physically Verified
9.	Innovations and best practices	Environment consciousness	Clean campus	Housekeeping register verified
		Innovations	NPTEL course and One credit course in current technology are offered	Check the student list of the course
		Best practices	Alumni are participated in BOS and giving Guest Lecture in Association activities	Verified the BOS file and Association file

Auditor signature

: *kkr* 8/12/17 (Dr. K.R.BASKARAN, Assoc Prof | IT, Kumaraguru College of Technology, Coimbatore)

Signature of HOD of audited department

: *pp* 8/12/17 (Dr. P.PRIALANTH)

KONGU ENGINEERING COLLEGE PERUNDURAI ERODE

Academic Audit Check List and Findings - Academic Year & Semester 2017-2018 – Odd Semester

Auditor Name with Designation and Address :

1. Internal Auditor
M.Mangayarkarasi
Assistant Professor(Sl.G)
Department of CT-PG
Kongu Engineering College.

2. External Auditor
P.Vijayakumar
Associate Professor
Department of Computer Applications
Velalar College Of Engineering And Technology,Erode.

Date of Audit : 08.12.2017

Department Audited : Computer Technology -PG

Sl. No.	Criteria	Sub criteria	Sample records taken for audit with details	Audit findings
1.	Curriculum aspects	Curricular design and development	BoS file	Gone through the syllabus book.
		Academic flexibility	Curriculum File	Curriculum verified, It is in well formulated structure.
		Curriculum enrichment	Curriculum verified	Curriculum book is verified
		Feedback system	Feedback files were checked	Actions are taken for the feedback
		Formulation and Defining level of PEO, PO & PSO (Refer all Courses and level of fitting) Level of improvement for last two years curriculam	-	-

		Student enrolment and profile	Paper presentation file is checked. (16ISR016-R. Indhumathi, 13 th & 14 th Oct 2017, Dr.Mahalingam College Of Engineering And Technology)	Certificates checked
		Catering to student diversity	100% Management quota.	Student record checked
		Teaching-learning process	14IST52 – Web Technology file verified.	Course file verified.
		Teaching quality	Result End Semester Exam AC-06 & AC-07 of 2015 batch file.	Checked the result analysis file.
2.	Teaching-learning	Evaluation process and reforms	Continuous Assessment Test – II of 14IST52 – Web Technology student paper verified (15ISR048-S.Sreejitha Lakshmi)	Checked with Continuous Assessment – II paper.
		Student performance and learning outcomes 1. Mapping of PO and CO 2. Attainment level of courses 3. Any other observation 4. Program Assessment committee(PAC) 5. CCC meeting	-	-
		Improvement of Success rate without backlog for past two years (Indicate values for interpretation)	Not applicable	-
		Improvement of Success rate with backlog for past two years(Indicate values for interpretation)	Not applicable	-
		Improvement of academic performance for last two years(Indicate values for interpretation)	Measurement Monitoring and Improvement Register verified	QR-06 file checked

		Improvement of Placement ratio (placement, higher studies and Entrepreneurship-Indicate values for interpretation)	Not applicable	-
		Any practical component teaching methodology	Lab component oriented paper 14ISC11- Problem Solving and Programming file verified. 100 % Autonomy paper 14IST52 – Web Technology file verified.	Files Checked
3.	Student support and progression	Student mentoring and support	Faculty mentors – Class Advisors Counseling file.	Class Advisors Counseling file checked.
		Student progression	Paper presentation by students file is verified.	Checked
		Student participation and activities	Rotary Club Seed Ball Making And Distribution Event -Short Flim- 2.08.2017(15ISR001- A.Aarthi)	Certificate verified
4.	Faculty contribution	Faculty qualifications	Faculty list with their Qualification	Faculty list verified
		Faculty cadre ratio	1:20 with faculty list	Faculty list verified against the student nominal roll.
		Faculty competences correlation to program me specific criteria	Faculty profile	Verified.
		Faculty participation / resource person/ development / training	Attended NSTEDB-DST Sponsored FDP on TBI-KEC 13th Nov to 25th Nov-17, P.Yuvarani	Faculty activity file verified with certificate.
		Faculty research publications	Research File – Sample verified - International Journal of Civil Engineering & Technolog-.Sep2017 Dr. P.Balasubramanie, G.Karthikeyan.	Faculty activity file verified with certificate.

		Faculty PR	No Patents	To be processed
		Funded R &D projects	UGC-minor research project- Automatic digitization of ancient character from palm manuscript & stone inscriptions in tamil language.(2016-2018)	File verified.
		Faculty interaction outside /abroad	Examiners for Phd thesis evaluation- Dr.P.Balasubramanie.	Research File verified.
5	Research, consultancy and extension	Promotion of research	Motivation given by the Head of the Department for the faculty.	Dept. meeting minutes file verified.
		Resource mobilization for research	Research student inside- P.Thangaraj.	Research Students file verified.
		Research facilities	Computer Laboratory	Physically verified
		Research publications and awards	Research file is verified	Elaborate steps had taken for receiving award in research category.
		Consultancy	Conducted consultancy activity for Shree Mahalakshmi dyeing, Erode for Rs.5000.	IIPC File verified.
		Extension activities and institutional social responsibility	Student participated in seed ball making & distribution organized by Rotary club of Perundurai.(2017).	Verified
		Collaborations	MoU	Not received; To be accelerated.
6.	Infrastructure and learning resources	Physical facilities	Well equipped laboratories, class rooms, WIFI facilities for the personal laptops to access digital library.	Physically verified
		Library as a learning resources	Digital library	Physically verified
		IT Infrastructure	Well equipped laboratories with high speed internet connection and WIFI facilities.	Physically verified

		Maintenance of campus facilities	Service register for lab is verified.	Service register verified.
7.	Governance, leadership and management	Institutional vision and leadership	Departmental vision file	Verified
		Strategy development and deployment	Empowered hierarchical structure in various levels	Checked the department Strategy development file.
		Facility empowerment strategies	Empowered hierarchical structure in various levels	Checked the department Strategy development file.
		Financial management and resource mobilization	Head of Department are allowed & permitted to spend R.5000/-	Checked with register office for the confirmation.
		Internal quality assurance system	Internal audits & ISO audits.	Checked previous audit report.
		Improvement success index	Success Measured in all parameters.	Checked for the continuous growth.
8.	Continues improvement	Improvement faculty research publication	Maintained Consequently.	Checked the number of publications.
		Continuing Education	Motivated the faculty towards research.	Dept. meeting minutes file verified.
		New facility created	All the documents are followed up digitally with the help of respective resource and aids.	Checked with Inspro Tool for digital data.
		Environment consciousness	Clean campus.	Housekeeping register verified.
9.	Innovations and best practices	Innovations	E-Lectures NPTEL course offered.	Checked the staff certificate.
		Best practices	Alumni are participated in BOS meeting, Mentoring the students,	Verified BOS file, Class advisor file verified.

Auditors signature

:
P. VIJAYAKUMAR
8/12/12

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M. MANGAYARKARASI
8/12/12

Signature of HOD of audited department

:
P. D. DEEPMALA
8/12/12
Dr. P. D. DEEPMALA
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KONGU ENGINEERING COLLEGE PERUNDURAI ERODE
Academic Audit Check List and Findings - Academic Year & Semester 2017-18(Odd)

Auditor Name with Designation and Address

: Dr.A.Geetha/AP/ Department of Chemistry/KEC

Date of Audit

: 08.12.2017

Department Audited

: Mathematics

Sl. No.	Criteria	Sub criteria	Sample records taken for audit with details	Audit findings
1.	Curriculum aspects	Curricular design and development	B.E/B.TECH – Curriculum and Syllabus Book	Gone through the Syllabus Book
		Academic flexibility	BOS file	Verified
		Curriculum enrichment	14 Regulation Syllabus	Verified
		Feedback system	From Experts, Alumni and Employers	BOS file verified
		Formulation and Defining level of PEO, PO & PSO (Refer all Courses and level of fitting)	PO 's are common for all branches in first year PSO is not defined for all courses in first year	Defining level of PO is verified.
		Level of improvement for last two years curriculum		
2.	Teaching-learning	Student enrolment and profile	Student details I MECH-B - 17MER065 Harish.M	Student Record
		Catering to student diversity	Orientation programme	Invitation is verified
		Teaching-learning process	II-EIE-A –Mathematics-III file is verified	Course file verified
		Teaching quality	CA Test I ,II Result File - AC06 verified for I IT -B	Verified
		Evaluation process and reforms	Continuous Assessment Test Paper in IT B -14MAT11 Mathematics-I	Checked Continuous Assessment Test II
		Student performance and learning outcomes 1. Mapping of PO and CO	Mapping of PO and CO ,Attainment level and CCC minutes file for Discrete Mathematics of class	Verified

		2. Attainment level of courses 3. Any other observation 4. Program Assessment committee(PAC) 5. CCC meeting	III-CSE-A is verified	
		Improvement of Success rate with out backlog for past two years (Indicate values for interpretation)	---	---
		Improvement of Success rate with backlog for past two years(Indicate values for interpretation)	---	---
		Improvement of academic performance for last two years(Indicate values for interpretation)	---	---
		Improvement of Placement ratio (placement, higher studies and Entrepreneurship-Indicate values for interpretation)	Not Applicable	Not Applicable
		Any practical component teaching methodology	Class room teaching Only	-
3.	Student support and progression	Student mentoring and support	Class advisors -handling weak and mischievous students	Class advisors counseling file checked .
		Student progression	Outside participation in Paper Presentation	Previous year file Verified
		Student participation and activities	Participation in Paper Presentation by students available for previous year only .	Verified the certificates for Past year

		Faculty qualifications	List of Faculty with their Qualification	Faculty profile is verified
4.	Faculty contribution	Faculty cadre ratio	Faculty details file Compared total strength of first year Handling faculty members with total strength of first year students	Cadre ratio 1:15 is verified
		Faculty competences correlation to programme specific criteria	Faculty profile	verified
		Faculty participation / resource person/ development / training	Attended and Seminars	Verified with Training Record file
		Faculty research publications	R&D file	Verified with R&D file
		Faculty IPR	-	-
		Funded R &D projects	UGC –Minor Research project-Studies on Stability Analysis of Neural Networks with time delays. (November '2016- October'2018)	Verified with file
		Faculty interaction outside /abroad	Participated and presented papers in National / International Conferences verified for previous year	Previous year verified Need to be improved .
5	Research, consultancy and extension	Promotion of research	Number of PhDs increased and all the faculties are registered and doing Ph D except two.	verified
		Resource mobilization for research	Research scholars' file	Verified
		Research facilities	-	-
		Research publications and awards	Research File	Research publication file is verified
		Consultancy	-	-
		Extension activities and institutional social responsibility	-	-
		Collaborations	-	-
6.	Infrastructure and learning resources	Physical facilities	Mathematics lab, Class rooms and Wi-Fi connections	Verification done
		Library as a learning resources	Department Library books and journals	Verified
		IT Infrastructure	5 computer with 1 Printer	Verified

KONGU ENGINEERING COLLEGE PERUNDURAI ERODE

Academic Audit Check List and Findings

Auditor Name with Designation and Department : Dr.A.Geetha AP/Chemistry, Department of Chemistry
 Date of Audit : 1.9.2017
 Department Audited : Physics

Sl. No.	Criteria	Sub criteria	Sample records taken for audit with details	Audit findings
1.	Curriculum aspects	Curricular design and development	BOS File	-
		Academic flexibility	Value Education	-
		Curriculum enrichment	BOS File	-
		Feedback system	BOS File	-
2.	Teaching-learning	Student enrolment and profile	Student Record	-
		Catering to student diversity	Students are motivated to participate in outside activities	-
		Teaching-learning process	Course File	-
		Teaching quality	Faculty profile	-
		Evaluation process and reforms	Course File	-
		Student performance and learning outcomes	Course File	-
3.	Student support and progression	Student mentoring and support	Course File & Parents Meeting File	-
		Student progression	Course File	-
		Student participation and activities	Open House Exhibition	-
4.	Faculty contribution	Faculty qualifications	Faculty Profile	-
		Faculty cadre ratio	Dean Office	-
		Faculty competences correlation to programme specific criteria	Course File	-
		Faculty participation / resource person/ development / training	R&D File	-
		Faculty research publications	R&D File	-
		Faculty IPR	-	-
		Funded R &D projects	R&D File	-

		Faculty interaction outside /abroad	R&D File	-
5	Research, consultancy and extension	Promotion of research	R&D File	-
		Resource mobilization for research	R&D File	-
		Research facilities	R&D File	-
		Research publications and awards	R&D File	-
		Consultancy	IIP Cell File	-
		Extension activities and institutional social responsibility	R&D File	-
		Collaborations	R&D File	-
6.	Infrastructure and learning resources	Physical facilities	Stock Register	-
		Library as a learning resources	Library Register	-
		IT Infrastructure	Stock Register	-
		Maintenance of campus facilities	House keeping	-
7.	Governance, leadership and management	Institutional vision and leadership	-	-
		Strategy development and deployment	-	-
		Facility empowerment strategies	R&D File	-
		Financial management and resource mobilization	-	-
		Internal quality assurance system	-	-
8.	Continues improvement	Improvement success index	Course File	-
		Improvement faculty research publication	R&D File	-
		Continuing Education	-	-
		New facility created	R&D File	-
9.	Innovations and best practices	Environment consciousness	Course File	-
		Innovations	Course File	-
		Best practices	Course File	-

Auditor signature

: *K-Gupta (Dr. A. GEETHA)*

Signature of HOD of audited department

: *[Signature]*

KONGU ENGINEERING COLLEGE PERUNDURAI ERODE
Academic Audit Check List and Findings - Academic Year & Semester .2017-18 & I

Auditor Name with Designation and Address : V. YAMUNA / AP / MATHEMATICS / KEC

Date of Audit : 08.12.2017
 Department Audited : CHEMISTRY

Sl. No.	Criteria	Sub criteria	Sample records taken for audit with details	Audit findings
1.	Curriculum aspects	Curricular design and development	B.E/B.TECH – Curriculam and Syllabus Book	Gone through the Syllabus Book
		Academic flexibility	BOS file verified	Verified the file
		Curriculum enrichment	Some updation in 14 Regulation Syllabus	14 R Applied chemistry Syllabus verified
		Feedback system	From Experts, Alumni and Employers	BOS file verified
		Formulation and Defining level of PEO, PO & PSO (Refer all Courses and level of fitting) Level of improvement for last two years curriculam	PO's are common for all Branches	---
2.	Teaching-learning	Student enrolment and profile	Student Details –Civil D S. Yuvarani 17CER214	Student Record
		Catering to student diversity	Orientation programme/Induction Programme	Invitation is verified
		Teaching-learning process	14CYT11- APPLIED CHEMISTRY IT-A	Course file verified
		Teaching quality	Cycle Test I & II Result analysis file	Verified
		Evaluation process and reforms	14CYT11- APPLIED CHEMISTRY CSE-B	Checked the answer sheet of Continuous Assessment Test-II
		Student performance and learning		

		<p>outcomes</p> <ol style="list-style-type: none"> 1. Mapping of PO and CO 2. Attainment level of courses 3. Any other observation 4. Program Assessment committee(PAC) 5. CCC meeting 	<ul style="list-style-type: none"> ➤ Mapping of PO and CO for 14CYT11-APPLIED CHEMISTRY ➤ CCC Meeting file (upto II CAT) 	Verified
		Improvement of Success rate with out backlog for past two years (Indicate values for interpretation)	---	---
		Improvement of Success rate with backlog for past two years(Indicate values for interpretation)	---	---
		Improvement of academic performance for last two years(Indicate values for interpretation)	---	---
		Improvement of Placement ratio (placement, higher studies and Entrepreneurship-Indicate values for interpretation)	Not Applicable	Not Applicable
		Any practical component teaching methodology	--	--
3.	Student support and progression	Student mentoring and support	Class advisors	Class advisors counseling file checked.
		Student progression	Outside participation in Paper Presentation	Checked

		Student participation and activities	Student participation in paper presentatione	Verified the certificates
4.	Faculty contribution	Faculty qualifications	List of Faculty with their Qualification	Faculty profile is verified
		Faculty cadre ratio	Total student strength is verified with faculty strength	Checked as 1:15
		Faculty competences correlation to program me specific criteria	Faculty profile	Checked
		Faculty participation / resource person/ development / training	Faculty training record is verified	Verified with R&D file and to be improved in future
		Faculty research publications	R&D file verified	May be improved in research
		Faculty IPR	Patent	To be processed
		Funded R &D projects	1.DST –Project was completed (Chemistry and Food Technology) 2.UGC –Minor Research project- (Nov'2016- October'2018)	Files Verified
		Faculty interaction outside /abroad	Participated and presented papers in National / International Conferences	verified
5	Research, consultancy and extension	Promotion of research	Number of PhDs increased and all the faculties are registered and doing Ph D except one.	verified
		Resource mobilization for research	Faculties are encouraged with funding by the Management to attend National and International Conferences	Verified
		Research facilities	Well- Equipped Research Lab	Visited R&D Lab
		Research publications and awards	R&D and Research Award File	Research publication and Awards file is verified
		Consultancy	Analysis and M.Sc project guidance	Consultancy file verified
		Extension activities and institutional social responsibility	Students are involved in social responsibilities	--
		Collaborations	--	--

6.	Infrastructure and learning resources	Physical facilities	Class rooms, laboratory and Wi-Fi facilities	Physically verified
		Library as a learning resources	Department library books	Physically verified
		IT Infrastructure	3 computers with 2 Printer	Physically Verified
		Maintenance of campus facilities	Service and Calibration register	verified
7.	Governance, leadership and management	Institutional vision and leadership	Department vision	File checked
		Strategy development and deployment	Empowered hierarchical structure in various level	checked department strategy file
		Facility empowerment strategies	Proposal raised by the faculty to purchase recurring/nonrecurring items	Verified the consumable registers
		Financial management and resource mobilization	Head of the department are allowed to spend Rs.5000/-	Verified the file
		Internal quality assurance system	Internal audit reports	checked previous Audit report
8.	Continues improvement	Improvement success index	Continuous monitoring	--
		Improvement faculty research publication	Paper publications by faculty	R&D file verified and need to be improved
		Continuing Education	Motivated the faculties to involve in research activities	Minutes of department meeting
		New facility created	Books purchased through UGC –Minor Research Project	File verified
9.	Innovations and best practices	Environment consciousness	Motivate the students to maintain clean campus and created awareness among them about environmental crisis	--
		Innovations	OHE	Previous year file verified
		Best practices	Experts from other institutions are participated in BOS	Verified the BOS file and

Auditor signature

:V. S. Yamuna.....

Signature of HOD of audited department

:P. N. A.

12-12-17

KONGU ENGINEERING COLLEGE PERUNDURAI ERODE
Academic Audit Check List and Findings - Academic Year & Semester 2017 & I

Auditor Name with Designation and Address

: Dr. C. Rangasami / Associate Professor/ Dept. of Physics

Date of Audit

: 06.12.2017

Department Audited

: English

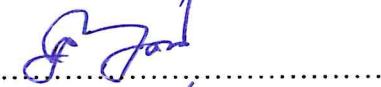
Sl. No.	Criteria	Sub criteria	Sample records taken for audit with details	Audit findings
1.	Curriculum aspects	Curricular design and development	Syllabus copy, Curriculum and Regulation book	Files verified
		Academic flexibility	BOS file	Verified
		Curriculum enrichment	Own material produced Activity classes, Rubric based assessments in the laboratory classes	Theory and lab Files verified
		Feedback system	Feedback from stake holders.	Verified feedback file
		Formulation and Defining level of PEO, PO & PSO (Refer all Courses and level of fitting) Level of improvement for last two years curriculum		
2.	Teaching-learning	Student enrolment and profile	Student records checked. 17CHR002- I. Abdul Basith	Record verified
		Catering to student diversity	Activities through English proficiency club, orientation programme.	Activities done and files verified.
		Teaching-learning process	14 EGT11 Communicative English I file verified. (I Food Tech – Mr. K. Jefferson, upto II- Module)	Course file verified.

	Teaching quality	Will be completed after data available	
	Evaluation process and reforms	Continuous Assessment Test – II of 14 EGT11 Communicative English I	Satisfactory.
	Student performance and learning outcomes 1. Mapping of PO and CO 2. Attainment level of courses 3. Any other observation 4. Program Assessment committee(PAC) 5. CCC meeting	Satisfactory results	End semester files verified
	Improvement of Success rate without backlog for past two years (Indicate values for interpretation)	--	--
	Improvement of Success rate with backlog for past two years(Indicate values for interpretation)	--	--
	Improvement of academic performance for last two years(Indicate values for interpretation)	--	--
	Improvement of Placement ratio (placement, higher studies and Entrepreneurship-Indicate values for interpretation)	--	--
	Any practical component teaching methodology	--	--

		Student mentoring and support	Faculty mentors Class Advisors Counsel students	Class Advisors file verified.
3.	Student support and progression	Student progression	Encouragement to participate in classroom activities. Remedial classes for slow learners	File verified.
		Student participation and activities	Participation in paper presentations and competitions	File verified
		Faculty qualifications	Qualified faculty.	Faculty list verified.
4.	Faculty contribution	Faculty cadre ratio	1:15	List verified.
		Faculty competences correlation to program me specific criteria	Faculty Profile / Classes handled	File verified.
		Faculty participation / resource person/ development / training	Participation in training programmes	File verified.
		Faculty research publications	Sample verified – paper by Ms. R. Gomathy & Dr. J. Rajini	Research files verified
		Faculty IPR	---	
		Funded R &D projects	ICSSR Research Project – Dr. S. Gandhimathi, Project Co-ordinator Experimental Studies on the alleviation of anxiety and reticence of first generation women Learners belonging to SC / ST and minority communities from select districts in Tamilnadu using Task based strategies.	File verified.
		Faculty interaction outside /abroad	Faculty as guest speakers to other colleges	Invitation copy verified.

		Promotion of research	Department recognized as Research centre by Anna University, Research Guidance is done Some Faculty are pursuing Ph. D	Verified
5	Research, consultancy and extension	Resource mobilization for research	Faculty members are funded by the management for research activities	
		Research facilities	Approved research centre by Anna University	
		Research publications and awards	-----	
		Consultancy	-----	
		Extension activities and institutional social responsibility	Activities through English proficiency club	Files verified
		Collaborations	-----	
6.	Infrastructure and learning resources	Physical facilities	Audio visual lab and communication Skills Lab with systems, Wifi facilities	Physically Verified
		Library as a learning resources	Digital library	Online access
		IT Infrastructure	Well equipped laboratories with necessary lab accessories.	Physically Verified
		Maintenance of campus facilities	Maintained periodically	Verified
7.	Governance, leadership and management	Institutional vision and leadership	Departmental vision file.	Verified
		Strategy development and deployment	Improvement in R & D activities, publication	Verified
		Facility empowerment strategies	Lab equipments	File verified
		Financial management and resource mobilization	Imprest Cash available	
		Internal quality assurance system	Internal Audit & ISO	Verified
8.	Continues improvement	Improvement success index		
		Improvement faculty research publication	More publications than previous year	Research files verified
		Continuing Education	Motivation in research	File verified
		New facility created	---	

9.	Innovations and best practices	Environment Consciousness	Awareness created in maintaining the classroom and the campus clean, take part in social activities through EPC programme.	File verified
		Innovations	Standardization of teaching material, development of e-learning content	File verified
		Best practices	Lab Assignments, SPD activities	File verified

Auditor signature : 

Signature of HOD of audited department : 