Yearly Status Report - 2016-2017

Part A	
Data of the Institution	
1. Name of the Institution	**KONGU ENGINEERING COLLEGE (AUTONOMOUS)**
Name of the head of the Institution	**Dr.S.Kuppuswamy**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**04294220583**
Mobile no.	**9942820583**
Registered Email	**principal@kongu.ac.in**
Alternate Email	**principal@kongu.edu**
Address	**Perundurai RS Road, Thoppupalayam, Perundurai**
City/Town	**Erode**
State/UT	**Tamil Nadu**
Pincode	**638060**

2. Institutional Status

Autonomous Status (Provide date of Conformant of Autonomous Status)	**25-Jul-2017**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Dr.A.Sivakumar**
Phone no/Alternate Phone no.	**04294220583**
Mobile no.	**9865882583**
Registered Email	**iqac@kongu.ac.in**
Alternate Email	**Princiapl_office@kongu.ac.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://www.kongu.ac.in/iqac/index.php

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://coe.kongu.edu/schedule.php

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**A**	**3.13**	**2016**	**19-Feb-2016**	**18-Feb-2021**

6. Date of Establishment of IQAC

6. Date of Establishment of IQAC	**01-Jun-2016**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
No Data Entered/Not Applicable!!!		
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8. Provide the list of Special Status conferred by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
No Data Entered/Not Applicable!!!				
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	**2**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

12. Significant contributions made by IQAC during the current year(maximum five bullets)

1. Teaching and Learning – Continuous Test Analysis 2. Orientation Program 3. Industry Interaction / Collaboration 4. Research and Development 5. OPAC updation

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
No Data Entered/Not Applicable!!!	
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14. Whether AQAR was placed before statutory body ?	**No**
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**No**

16. **Whether institutional data submitted to AISHE:**	**Yes**
Year of Submission	**2017**
Date of Submission	**27-Feb-2017**
17. **Does the Institution have Management Information System ?**	**Yes**
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	**• Attendance management is the act of managing attendance or presence in a work setting to minimize loss due to employee downtime. Recently it has become possible to collect attendance data automatically through using realtime location systems, which also allow for crosslinking between attendance data and performance. • Many programmes organised on students self development , health issues and society oriented areas. • Organized science and technology exhibition . • Conducted of GATE coaching class and introduction f inter disciplinary electives • Initialized Outcome Based Education (OBE)**

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
No Data Entered/Not Applicable !!!			

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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
No Data Entered/Not Applicable !!!				

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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
Mtech	**Information Technology**	**20/06/2016**
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	All Branches	01/06/2016
BTech	All Branches	01/06/2016
BSc	All Branches	01/06/2016
ME	All Branches	01/06/2016
Mtech	All Branches	01/06/2016
MSc	Software Systems	01/06/2016
MBA	MBA	01/06/2016
MCA	MCA	01/06/2016

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
No Data Entered/Not Applicable !!!		
[View File](#)		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
No Data Entered/Not Applicable !!!		
[View File](#)		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained

Feedback collection is an essential activity for any of the academic institution. Feedback is collected from the stakeholders like alumnae, employers, parents, students and teaching faculty to analyze and to improve the performance of the college in various occasions. While framing a new regulation, the feedback about existing regulation, curriculum, syllabus for various programmes are received from the stakeholders. They can give suggestions for adding/removing the courses, contents in the curriculum and syllabus. At the end of each semester, feedback about each course which includes the parameters relevant to course objectives, course content, topics, books, etc. are collected. These are analyzed to know about the benefit of the course and the necessary changes to be incorporated in that course. Course End Survey is another way to collect the feedback about the fulfillment of the

course objectives of a course from the students of a class at the end of each semester. The questions in that feedback form are relevant to the course outcomes of that course. The necessary changes are being done to improve the attainment of the course outcomes of each course. At the end of each semester, feedback about the teacher who is handling a particular course for a class is received from the students of that class. It includes parameters relevant to knowledge base, communication skills, commitment, ability to integrate the content with other courses, accessibility, etc. of the faculty. These are analyzed to know about the performance of teacher for that course for that class and the appropriate actions are taken out if needed. Each semester ParentTeacher meeting is being conducted to receive the suggestions from the parent whose ward is studying in our college. They can give suggestions about the activities like imparting knowledge, communicating information with parents, reporting marks, activities for career counseling and placement, encouraging extra cocurricular activities, maintaining discipline, handling grievances, improving infrastructure, etc. in the college. Before starting of each continuous assessment test, class committee meeting is being held for each class to collect the feedback about teaching learning process. The student members, class advisors and the head of the department shall present in the meeting. The appropriate actions will be carried out if necessary. Principal meeting with students from various semester from different programmes is being conducted whenever required. This helps to know about the feeling of the students inside the campus, academic activities, placement activities, etc. Thus the various feedback approaches are being followed to improve the overall performance of the college.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
No Data Entered/Not Applicable !!!				
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2016	1751	328	441	91	532

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Toolsand resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
470	288	30	78	38	30

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Counseling of the students is being done in the counseling period in weekly basis. One teaching faculty is assigned for counseling the students in a class. Counselor has to meet each student individually and to discuss the problems of the student if any and counsel him/her appropriately. Sometimes, few of the students may be indiscipline in following the rules and regulations or fails to do the academic activities properly. The information about such student is conveyed to their parents. Then counseling of the student alongwith their parents, class advisor and the head of the department is to be done in the department. The students who have failed in two or more courses have to be considered for counseling. In this regarding, a meeting with Principal is being arranged once in a semester for such students studying in various programmes in the college and the motivation will be given by principal to complete their arrear courses successfully. Two teaching faculty members are assigned as student counselor for male students and female students in the department level. The meeting with students who need counseling is arranged whenever required. In few departments, the students who are poor in academic performance are counseled in the department level by their mentor. Each faculty member is assigned as a mentor for three or four such students in the department. The mentor and mentees meeting is being conducted after each continuous assessment test in each semester so that the progress in academic performance of the students is monitored and motivation is to be given for them if needed. Thus the college facilitates the students to solve their problems inside the campus through various ways.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
8353	532	15.70

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
531	532	41	41	148

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
No Data Entered/Not Applicable !!!			
[View File](#)			

2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
No Data Entered/Not Applicable !!!				
[View File](#)				

2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
389	16894	2.28

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the

institution are stated and displayed in website of the institution (to provide the weblink)

http://coe.kongu.edu/R2014/r2014home.php

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
No Data Entered/Not Applicable !!!					
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

http://coe.kongu.edu/feedback.php

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

No
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3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
No Data Entered/Not Applicable !!!				
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3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
No Data Entered/Not Applicable !!!				
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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

12

3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Seminar on "IPR Patents: Policy on IPRs by GoI, Need and Importance of IPRs for StartUps /Innovation / Existing	TBI @ KEC	16/11/2016

Enterprises and Procedures"	

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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
No Data Entered/Not Applicable !!!				
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
No Data Entered/Not Applicable !!!					
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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
MBA	2
Civil Engineering	2
Mechanical Engineering	2
Electronics and Instrumentation Engineering	2
Electronics and Communication Engineering	1
Computer Science and Engineering	2
Chemical Engineering	1
Food Technology	1
Mathematics	3
English	1

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Civil Engineering	3	0.58
International	Mechanical Engineering	26	3.24
International	Mechatronics Engineering	26	0.96
International	Automobile Engineering	8	0
International	Electrical and Electronics Engineering	3	0.28
International	Electronics and Communication Engineering	11	0.47

International	Computer Science and Engineering	76	0.53
International	Information Technology	30	1.24
International	Chemical Engineering	15	3.36
International	Food Technology	12	2.92
International	Mathematics	9	5.16
International	Physics	15	0
International	Chemistry	4	0
International	English	10	0
International	MBA	5	0
International	MCA	2	0.11
International	Computer Technology UG	3	1.74
International	Computer Technology PG	6	1.19
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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
No Data Entered/Not Applicable !!!	
View File	

3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
No Data Entered/Not Applicable !!!			
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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
No Data Entered/Not Applicable !!!						
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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
No Data Entered/Not Applicable !!!						
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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	40	231	77	125
Presented papers	242	177	2	18
Resource persons	3	40	108	132

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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
No Data Entered/Not Applicable !!!			

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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
No Data Entered/Not Applicable !!!				

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3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
No Data Entered/Not Applicable !!!			

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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Social Service Events Conducted by NSS	**Best Volunteer Award**	**Anna University, Chennai**	**2**

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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
No Data Entered/Not Applicable !!!				

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3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
No Data Entered/Not Applicable !!!			
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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
No Data Entered/Not Applicable !!!					
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3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
No Data Entered/Not Applicable !!!			
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
775.1	491.92

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Others	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Classrooms with Wi-Fi OR LAN	Existing

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
NIRMALSUITE 2014 PREMIUM PACKAGE	Fully	NIRMALSUITE 2014	1996

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total
No Data Entered/Not Applicable !!!			
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platformon which module is developed	Date of launching e-content
A.Sheela	Power system stability	Google Drive	28/03/2017
M.S.Kamalesh	Embedded Control	Google Drive	14/03/2017
Dr.J.Indra	Digital Logic Circuits	www.kongu.ac.in	20/01/2017
Dr.T.Kalavathidevi	Linear Integrated Circuits	www.kongu.ac.in	08/07/2016
Dr.S. J. Suji Prasad	Process Control	www.kongu.ac.in	01/12/2016
S.Janarthanan	Fiber Optics and Laser Instruments	www.kongu.ac.in	03/09/2016
S.Janarthanan	Softcomputing Techniques	www.kongu.ac.in	13/03/2017
K.N.Baluprithviraj	Microprocessors and microcontrollers	www.kongu.ac.in	26/07/2016
N.Mahesh	Electrical Measurements and Instruments	www.kongu.ac.in	14/08/2016
M.Karthikeyan	Professional Ethics and Human Values	www.kongu.ac.in	10/03/2017
M.Thangatamilan	Electron Devices and Circuits	www.kongu.ac.in	05/07/2016
M.Thangatamilan	Basics of Electrical and Electronics Engineering	www.kongu.ac.in	03/03/2017
C.Aravind	Basics of Electrical and Electronics Engineering	www.kongu.ac.in	10/09/2016
Arun Prakash A	Wavelet Transforms	Google site	08/12/2016

| Dr.A.Sangamithra | Food Preservation, Food spoilage types and sources | UGC EPathsala | 25/04/2017 |

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MGBPS)	Others
Existing	2067	76	0	2	0	1	19	160	0
Added	0	0	0	0	0	0	0	160	0
Total	2067	76	0	2	0	1	19	320	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

320 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Software and Hardware	**https://kongu.ac.in/iqac/index.php**

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
1889.46	**698.91**	**754.5**	**632.68**

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website)

•?The maintenance committee is headed by the Registrar who in turn monitors the work of the Supervisor at the next level. The Supervisor is accountable to the Registrar and functions as the coordinator who efficiently organizes the workforce, maintaining duty files containing details about their individual floor wise responsibilities, timings, leave etc. The maintenance officer conducts periodic checks to ensure the efficiency / working condition of the infrastructure. •?Adequate in house staff is employed to meticulously maintain hygiene, cleanliness and infrastructure on the campus so as to provide a congenial learning environment. Classrooms, Staffrooms, Seminar halls and Laboratories, etc are cleaned and maintained regularly by Non teaching staff assigned for each floor. Wash rooms and rest rooms are well maintained. Dustbins are placed in every floor. The Green Cover of the campus is well maintained by a full time gardener. •?Optimum working condition of all properties/ equipment on the campus is ensured through annual maintenance contracts (AMC). The AMC purview includes maintenance of Generator, Air Conditioners, CCTV cameras and Water Purifiers. Apart from contract workers, the college has trained in house electricians and plumbers. •?Lab assistants under the supervision of the System administrator maintain the efficiency of

the college computers and accessories. •?Parking facility is well organized. It is efficiently maintained by annually renewed contract employees. •?The campus maintenance is monitored through surveillance Cameras. •?Every department maintains a stock register for the available equipment. •?Proper inspection is done and verification of stock takes place at the end of every year. •?The civil and electrical work is adequately monitored and maintained by the Estate office. •?Periodic reporting on requirements of repairs and maintenance are submitted by the HODs to the Administrative office. The requirements are collectively processed in every semester break so as to keep things ready for the new semester. •?Pest control of library books and records is done every year by the maintenance department. •?Estate office manager and his team are involved in the maintenance of infrastructure facilities. This team looks after the regular maintenance of civil works such as furniture repairs, masonry and plaster works, painting, carpentry, plumbing and housekeeping. •?The nonteaching staff is also trained in maintenance of science and computer equipment. •?The Estate office workers look after the maintenance of rest rooms, approach roads and neatness of the entire premises. Housekeeping services are regularly executed and monitored.

https://kongu.ac.in/iqac/index.php

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
No Data Entered/Not Applicable !!!			
View File			

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
No Data Entered/Not Applicable !!!			
View File			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
No Data Entered/Not Applicable !!!					
View File					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
No Data Entered/Not Applicable !!!					
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
No Data Entered/Not Applicable !!!					
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
No Data Entered/Not Applicable !!!	
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		
View File		

5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2016	Participation	National	1	0	16CER174	Ms.S.Saranya
2016	Participation	National	1	0	14EIL122	Mr.M.Mohamed Fizel
2016	Participation	National	1	0	15EIL109	Mr.R.Elangeshwaran
2016	Participation	National	1	0	14BCR048	Mr.R.Vignesh
2016	Participation	National	1	0	14CSR117	Ms.N.Nivetha
No file uploaded.						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Students council comprising the head of the Institution and the students representatives of the each class. Students council meetings conduct periodically. Apart from that, various associations, cells, clubs, chapters and professional bodies are in place for platform to showcase the students talents

in curricular, cocurricular and extra curricular activities. The following findings paved the way for the students in the participating of the students council and other activities. The Student Council creates many opportunities for leadership. To support the management and staff in the development of the college To represent the general concerns of students to the College Students council members work for the student's welfare and overall progress through continuous improvement and endeavor towards for getting the placement, higher studies and entrepreneurship. Students are the connecting bridge for the developmental activities of the college. To have strong association with their peers. Participation in the club/cell also allows students to influence the social and extracurricular activities. Course monitoring meeting are being conducted to take remedial measures for improving teaching learning practice. Remedial measures have taken for the student's grievance. Students have the chance to hold the positions of the office bearers of the respective associations, cells, clubs, chapters, professional bodies etc. Students have an opportunity to organize the association programmes, programmes by different cells / clubs/ chapters.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of registered Alumni:

0

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

2

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

* The college promotes a culture of participative management. Students and faculty members are involved at various levels in decision making and implementation of strategies. • Participative management is encouraged by including faculty members in the statutory bodies such as Governing Council, Academic Council, Finance Committee, Board of Studies, Disciplinary Committee, Anti Ragging Committee, etc. • All academic activities are planned by faculty members at department level in line with college goals. • Faculty members are encouraged to develop leadership skills by being in charge of various academic, cocurricular, and extracurricular activities. They are given authority to conduct industrial tours and to have tie up with industry experts and appointed as coordinator and convener for organizing seminars / workshops / conferences / FDPs etc., In infrastructure development and purchase decisions the views of the faculty members given due consideration.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):	
Strategy Type	Details
Teaching and Learning	• The teaching, learning and assessment strategies of the college are structured in order to facilitate the achievement of the intended learning outcomes. The curriculum of every semester is completed within the stipulated time through meticulous planning of the courses of study, timely conduct of continuous evaluation, end semester examinations, followed by grading of results. • The college provides course objectives and course schedule for enabling the students to get an idea of what they are going to learn. Learning in all courses is made more studentcentric. Detailed course plan in line with the prescribed syllabus for every theory course and a separate lab cycle for lab courses ensures smooth conduct of classes. • Computeraided learning is given priority in teaching and learning methods. The college creates a culture of instilling and nurturing creativity among the learners through various academic activities. It has a feedback mechanism to evaluate the teachers and the feedback is reviewed every semester. Course monitoring Committee meetings are conducted by HODs to hear the voice of students and to ensure transparency in curriculum delivery and evaluation pattern.
Curriculum Development	• The college follows a systematic process in the design and development of the curriculum. Syllabus is subjected to periodic revision. • Feedback from course teachers are collected by the respective departments which is consolidated and discussed in the Board of Studies for revision. Feedback from employers and alumni also give direction on the required modifications to be made in the syllabus as per industry needs.
Examination and Evaluation	• The progress of the students in various courses is assessed continuously by conducting three module tests spread over the semester. Depending upon the course content, students are assessed through projects, individual and group assignments, case analysis, seminar presentations, role plays etc. One faculty member in each

	department is assigned the responsibility of coordinating continuous assessment tests and to carry out our assessment process better. This includes setting the question papers ready in time, maintain their confidentiality better, conducting the tests and to have better discipline during the examinations. • End semester examinations are conducted under the supervision of the Examination cell headed by the Controller of Examinations. The centralized paper evaluation is undertaken and the results are declared after the approval of the results passing board of the college. • Some of the features include: Central valuation Question paper vetting by the subject expert before the exams and auditing after the examination, Transparent Revaluation ,Monitoring the performance of the students through End Semester Exams, Declaration of Results in time and conducting supplementary / arrear examination for failed students. Effective student support system with constant monitoring and counseling where each Faculty advisor motivates a group of 30 students. Student progress report is sent thrice a semester to parent to increase the rapport with stakeholders.
Research and Development	• The college has a Research Development cell to monitor and address issues related to academic research. The cell is headed by Dean (RD). Each department has a research coordinator to facilitate, monitor and encourage the research activities. RD cell conducts research workshop for scholars and faculty members. • Teachers are informed about the various funding schemes available and they are encouraged to apply for the same. Faculty members who do not have a doctoral degree are encouraged to register for PhD. Thrust areas for research within the departments are identified and faculty members are grouped to work on the thrust areas, based on their expertise. Students and members of the faculty are encouraged to publish papers in journals and conferences.
Library, ICT and Physical Infrastructure / Instrumentation	• The college provides all infrastructures which in turn provide a

	conducive physical ambience for the faculty in terms of adequate library, research laboratories, ICT, computing facilities and allied services. The faculty can access ejournals subscribed by our college. • Knowledge and information database/packages provided to the faculty and students for quality teaching, learning and research through internet and intranet facilities. Teachers have access to internet and can download teaching materials and resources and take photocopies through the reprographic facilities free of cost. The college provides the basic necessities for research in terms of lab facilities, instruments and library facilities which provides good atmosphere for effective teaching and research.
Human Resource Management	• The college has sincere, dedicated and committed faculty and visionary management. • The college has an adequate number of qualified and competent teachers to handle the courses. • Faculty development Programmes and training programmes are arranged for the faculty to enrich their knowledge in subject areas. • Faculties are also encouraged to participate in conferences, conclaves, workshops, etc. which help them to develop their network. • Encouragement and support are provided to faculty members for conducting industrial consultancies and training programmes.
Industry Interaction / Collaboration	• The Industry Collaboration is one of the core strengths of our college and this is achived through various activities such asFacilitating inplant training, industry visits, summer and final semester internship for students across all disciplines. • Taking up industrial consultancy to provide solution for industry problems. • Training industry people on new techniques. • Deputing faculty for industry training • Signing MOUs with good companies • Membership in industry associations like CII, EDISSIA, etc.
Admission of Students	The admission process is transparent and is carried out as per the guidelines prescribed byDirectorate of Technical Education, Government of Tamilnadu.

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details
Planning and Development	Approval /letters tracking system are in place Developed by KEC Faculty and students (www.approval.kongu.edu) Consultancy and Training activities approval system is done through www.iipc.kongu.edu/iipc which was developed by KEC faculty and students WhatsApp and Telegram Group helps to provide the brief notices of any event to be happened on college.
Administration	To achieve the target of Paperless, we are using the facilities Google sheets and forms for data collection, organizing seminars, workshops and programme registration etc The college communications is facilitated with cloud based email solution for faculty and students through Microsoft and Google. Biometric attendance for teaching and nonteaching staff. The campus is equipped 324 CCTV Cameras installed at various places. CCTV surveillance on mobile by Principal
Finance and Accounts	We are using Tally ERP 9.0 for maintaining the transparent functioning of all Accounts of the college. Consolidated Day Book, Voucher printing, Checue printing, Cheque slip printing, Bank Reconcilation statement, Ledger, Trail Balance, Balance sheet and Income Expenditure statement are generated through Tally.
Student Admission and Support	The software is developed so as to fulfill the need of Student admission and Support. As the admission process is semionline, admission forms are also provided. Students submit printouts and required documents at respected counters. The software is also used for student support like issuing Transfer Certificate, Bonafide certificates and Issue of Bus Cards. The students are paying the Fee through KVB ATM anywhere in the Country. INSPRO PLUS SOFTWARE (Developed by PalPap, Chennai) is used for maintaining students details and attendance
Examination	Uploading the students nominal roll received from the admission section and curriculum details received from the Curriculum Development Cell to the software. Preparing course list based on current semester and previous arrear details available in the database. Online registration for the passed out

students to register for their arrear courses. Timetable generation for End Semester Examination and published in the COE website. Based on the registered students, preparation of course list for question paper setting. Updating the details like shortage of attendance, Course withdrawal for the current semester. Generating day wise details with exam date and session, courses, no. of students registered to conduct End semester examinations. Generating day wise Attendance with photo of the student and barcode for the registered number to conduct the examination. Hall and seating arrangement for the end semester examination for the registered students. Updating the present and absent details of the students for each course. Generating dummy numbers for the appeared students. Allotting the courses for the various phases of valuation. Mark entry through online during valuation. Preparing data for the result Passing Board Meeting. Processing the data for the result publication. Publication of results in the COE website Updating details of the revaluation courses and publishing the revaluation results. Printing of the grade sheet and consolidated grade sheet Generating the list of students who are eligible for the award of degree to submit to the Anna University. Getting students feedback for the courses and faculty through online system. Generating and issuing the transcripts to the degree completed students.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
No Data Entered/Not Applicable !!!				
[View File](#)				

6.3.2 – Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

Year	Title of the professional development programme	Title of the administrative training programme	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)

organised for teaching staff	organised for non-teaching staff				

<div align="center">**No Data Entered/Not Applicable !!!**</div>

<div align="center">View File</div>

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration

<div align="center">**No Data Entered/Not Applicable !!!**</div>

<div align="center">View File</div>

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
532	532	367	367

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
1.Group Insurance, 2.EPF-Applicable to all staff members, 3. Gratuity – Implemented, 4.Emergency advance for Medical treatment, 5.Sponsorship to attend Seminar / Paper presentation / Conference – in India Abroad, 6.Sponsorship to attend quality improvement and faculty development programme, 7.Revenue sharing by staff in consultancy / testing, 8.Free Lodging facility to staff members who are staying in hostels, 9.On campus Quarters facility available, 10.Bank Loan facility at concessional interest rates through the Karur Vysya Bank	1.Group Insurance, 2.EPF – Applicable to all eligible staff members, 3.Gratuity – Implemented, 4.Emergency advance for Medical treatment, 5.Revenue sharing by staff in consultancy / testing, 6.Free Lodging facility to staff members who are staying in hostels, 7.On campus Quarters facility available, 8.Free Uniform and Shoes are given to NonTeaching Staff, 9.Bank Loan facility at concessional interest rates through the Karur Vysya Bank, 10.ESI – Applicable to all eligible staff members	1.Group Insurance, 2.Full scholarship to 25 students admitted every year from Government schools, 3.Full scholarship to students who excel in sports, 4.Top 5 of students in each class are given scholarship

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Internal Audit The institution conducts internal auditing every month and it is conducted by certified charted accountant. This covers all financial transactions and they verify the expenses and also whether the financial transactions are within the norms stipulated by the institutions. External Audit It is done by a certified charted accountant from every year. They do all

> **the financial auditing according do the financial regulations and file the accounts to the I.T. department.**

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
No Data Entered/Not Applicable !!!		
View File		

6.4.3 – Total corpus fund generated

842145000

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	**Yes**	**TUV, SUD**	**Yes**	**ISO Cell**
Administrative	**Yes**	**TUV, SUD**	**Yes**	**ISO Cell**

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

> **Parents are regularly invited for parents meet and discussions on improving quality of education and environment for learning and other supportive services are conducted at department level.**

6.5.3 – Development programmes for support staff (at least three)

> **1.Hands on training on Servicing and Maintenance of Equipment 2.Workshop on Working with Excel Basics of Computers and Networks 3. Training Programme for First Aid**

6.5.4 – Post Accreditation initiative(s) (mention at least three)

> **1.Waste water is recycled and used for gardening purpose. 2.Food wastes from the hostels are taken for bio gas plant. 3.Solar cells and solar heaters are used in the college.**

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	**Yes**
b)Participation in NIRF	**Yes**
c)ISO certification	**Yes**
d)NBA or any other quality audit	**Yes**

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!					
View File					

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the

year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Application Development Opportunities For Students(Android/Iphone)	12/07/2016	12/07/2016	155	256
Current Trends In Electronics Industries	13/07/2016	13/07/2016	99	176
Legal Awareness Programme	31/08/2016	31/08/2016	40	0
Programme on Road Safety	17/09/2016	17/09/2017	45	0
Workshop on Effective Kitchen layout	19/07/2016	19/07/2016	45	0
Effective learning through dental health for professionals	12/09/2016	12/09/2016	42	83
Role of Electrical Engineers In Industrial Installation	06/01/2017	06/01/2017	102	168
Engineers Behind- Beyond College	20/03/2017	20/03/2017	99	176
Role & Responsibilities of an Electrical Engineer Towards Industrial Operation	21/03/2017	21/03/2017	155	256
Importance of Yoga and Meditation	06/08/2016	06/08/2016	14	0
Legal Awareness Programme	31/08/2016	31/08/2016	22	0
Programme on Road Safety	17/09/2016	17/09/2016	16	0
Workshop on Effective Kitchen layout	17/09/2017	17/09/2017	25	0
SHRISTI'17	08/03/2017	08/03/2017	99	0

Anatomic Theraphy	07/10/2016	07/10/2016	130	120
Soft Skills	31/08/2017	31/08/2017	153	119
Entrepreneurship & Job Opportunities	06/01/2017	06/01/2017	151	112
Trends & Opportunities	03/02/2017	03/02/2017	153	119
Health Care	25/03/2017	25/03/2017	129	125
Career Opportunities in Indian Air Force	26/07/2016	26/07/2016	195	144
Legal Rights and Duties	13/08/2016	13/08/2016	129	97
Explore Yourself	18/02/2017	18/02/2017	61	57
Key opportunities in IT	03/03/2017	03/03/2017	127	104
Skills for future work place	31/03/2017	31/03/2017	195	144
Training Programme On Human Rights For Students	18/02/2017	18/02/2017	45	57
Entrepreneurship Awareness Camp	13/07/2016	13/07/2016	2	1
Entrepreneurship Awareness Camp	16/02/2017	16/02/2017	0	5

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
28.74

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	12
Provision for lift	Yes	1000
Ramp/Rails	Yes	12
Braille Software/facilities	No	0
Rest Rooms	Yes	13
Scribes for examination	Yes	4
Special skill development	No	0

for differently abled students	
Any other similar facility	No	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2016	1	1	02/09/2016	2	How to become a Best Teacher	Guest Lecture to Perundurai DIET students	205

7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Academic Calendar	01/06/2016	Academic Calendar comprising Quality Policy, Rules and Regulations, IPR Policy and Various Cells and Clubs and Students Disciplinary Requirements

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Course on Value Education	28/07/2016	19/05/2017	1815
Course on Professional Ethics and Human Values	13/12/2016	07/04/2017	1831

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Tree plantation, rain water harvesting, recycling of waste water etc., are some of the initiatives taken by the institution. Segregation of degradable and non degradable waste is done in the college campus ewaste is collected and auctioned. Waste water is recycled and used for gardening purpose. Food wastes from the hostels are taken for bio gas plant. Solar cells and solar heaters are used in the college. Energy efficient lighting is adopted. Energy audit is carried out.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1.Introduction of Autonomy subjects and change of question paper pattern to suit the needs of industry 2.Open book test to enhance the technical skills of the students 3.Introduction of continuous assessment in the lab to enhance the experimental skill of the student Conduct of GATE coaching class and introduction f inter disciplinary electives

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
http://coe.kongu.edu/index.php

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

The academic year 2016_2017 has been very purposeful and fruitful. This year witnessed many milestones in terms of achievements in Academics, CoCurricular activities, Sports and games, Research Development and consultancy activities which improved the quality of education and allround development of the students.

Provide the weblink of the institution
https://kongu.ac.in/iqac/index.php

8.Future Plans of Actions for Next Academic Year

The college has planned to implement outcome based education (OBE) for the year 201718. Planned to execute faculty management system (FMS) software for the yeat 201718.