Format for Self Assessment Report (SAR) for NBA Accreditation of Undergraduate Engineering Programme

(Name of the Programme)

(Name and Address of the College / Institute /University)



National Board of Accreditation New Delhi, India

June 2009

FOREWORD

National Board of Accreditation (NBA), was established in September 1994. The NBA is entrusted with the task of evolving a procedure for quality assessment in the technical education sector, and specifically to

- Articulate the criteria for assessment of quality;
- Identify parameters to quantitatively assess these criteria and assign appropriate programmespecific weights;
- Validate the procedure by well designed test runs;
- Establish appropriate benchmarks.

The unprecedented expansion of the technical education sector in India in recent years has brought in its wake questions about the quality of education imparted, the competence of the graduates and their relevance to the current technical manpower needs of our country. The concurrent ISO standardization movement in the industrial scene has highlighted the need for accrediting programmes, especially in terms of their role as the main suppliers of technically qualified human resource.

It is heartening to note in this context that the NBA is now bringing out second edition of Manual for Accreditation of for Engineering (UG) programmes in India. It consists of four Sections, viz.,

- Accreditation Policy and Procedure
- Evaluation guidelines
- Evaluation Report
- Self Assessment Report

It is hoped that this manual will provide the students, parents, employers and the society at large, comprehensive information on all aspects of the Quality Assurance provided by the NBA to assist them in making a judicious choice among competing educational programmes.

This manual is the culmination of sustained efforts and mutually supporting interaction amongst several individuals, organizations and agencies. This manual addresses the equivalence of evaluation and accreditation processes for engineering education programs to international standards so as to ensure opportunities for global mobility of engineering graduates.

We would be failing in our duty if we do not place on record our gratitude and appreciation for the help we have received from the following people.

- The Members of the Board of the NBA and the NBA Engineering Committee for their ready and willing cooperation and the officials of NBA for their dedicated efforts.
- Committee comprising Prof. S.C. Sahasrabudhe Director, DAACT, Gandhinagar, Prof. M.U. Deshpande Former Professor, IIT Bombay, Prof. Gopal Ranjan Former VC, IIT, Roorkee, Prof. Gautam Biswas IIT, Kanpur, Prof S Sen Gupta IIT Kharagpur, Prof. V.P. Kodali, Ex Director of E&I, DRDO, Shri Ravi Kumar, presently Principal Secretary (Technical Education), Govt of Rajasthan for their valuable contribution in drafting the initial accreditation manual.
- Prof. Ashok Saxena University of Arknas, USA and Prof K. Vedula University of Manchester, USA for their valuable guidance
- Committee comprising Prof S K Khanna Former Chairman AICTE, Prof K L Chopra, Former Director – IIT – Kharagpur, Prof S Sen Gupta, IIT – Kharagpur, Prof J P Gupta, VC – Jaypee University, Noida, Prof Rajeev Kumar, IIT Kharagpur for their contribution in refining, revising and presenting the final version of the accreditation manual.

We welcome suggestions from all the stakeholders in Engineering Education in order to bring further improvement in the effort of NBA to provide a transparent and credible System of accreditation of engineering programs in India.

Prof. P.N. Srivastava Chairman, NBA

Organization of the SAR :

The Self Assessment Report should be submitted using the format which is organized in the following four parts:

- Part I: Institutional Summary for Criteria I and II.
- Part II: Department/Programme Summary for Criteria III to VIII.
- Part III: Curriculum and syllabus for the degree programme along with the identified Programme Evaluation Objectives (PEOs).
- Part IV: List of Documents to be made available during the accreditation visit.

Abbreviations:

CAY <i>m</i> 1	Current Academic Year Current Academic Year <i>minus</i> one Current Academic Year <i>minus</i> two	e.g.,2009 - 10 e.g.,2008 - 09 e.g.,2007 - 08
	Latest Year of Graduation Latest Year of Graduation <i>minus</i> one	e.g.,2008 - 09 e.g.,2007 - 08
	Current Financial Year Current Financial Year <i>minus</i> one	

Notes:

- 1. It would be greatly appreciated if precise and specific details, as requested in this format, are provided in tabular form and/or using bullets as far as possible. No detailed description should be included anywhere; do not include any detail/information which is not asked for. In case, you wish to add any data/information which is not asked for, kindly add in annexure.
- 2. Unless otherwise specified, do not include any data beyond three years.
- 3. If not specified otherwise, the information requested is meant to be the *"Average"* over sufficient samples, as applicable.
- 4. Kindly select/use the appropriate word/phrases, e.g., college/Institute/ University and Principal/ Director/Vice-Chancellor whichever as applicable.

CAY

LYG

CFY _____

Declaration

This Self Assessment Report (SAR) is prepared for Current Academic Year (_____) and Current Financial Year (_____) on behalf of us by the team headed by the Principal/Director/Vice Chancellor of the Institution. I certify that the information provided in this SAR is extracted from the records and to the best of our knowledge, is correct and complete

I understand that any false statement/information of consequence may lead to the rejection of the application for accreditation for a period of two or more years. I also understand that the National Board of Accreditation (NBA) or its subcommittee will have the right to decide on the basis of the submitted SAR whether the Institution should be considered for an accreditation visit.

If the information of consequence was found to be wrong during the visit or subsequent to grant of accreditation, NBA has right to withdraw the accreditation granted, if any, and no accreditation will be allowed for a period of two years or more.

Place:Name, Designation and SealDate:of the Chairman, Governing Council of the Institute with signature

PART I

INSTITUTIONAL SUMMARY (Criteria I and II)

I.0.1. College/ Institution/University Name and Address:

- I.0.2. Name, designation, telephone numbers and e-mail id of the contact person for NBA:
- I.0.3. History of the College / Institution (including dates of introduction and no. of seats of various programmes of study along with NBA accreditation, if any), in tabular form:

Year	Description
	College/Inst. started with the following programmes (Intake strength)
	NBA-AICTE Accreditation visits and accreditation granted, if any
	Addition of new programmes, increase in intake strength of the existing programmes and/or accreditation status

- I.O.4. Ownership Status : Govt.(Central/State) / Trust / Society (Govt. / NGO / Private) / Private/ Other (specify)
- I.0.5. Financial Status : Govt.(Central/State) / Grants-in-aid / Not-for-profit / Private-Self financing / Other(specify)
- I.0.6. Nature of Trust / Society : List other Institutes/colleges run by the Trust/Society

I.0.7. External Sources of Funds :

Name of External Sources	CFY	CFYm1	CFYm2

I.0.8. Internally Acquired Funds :

Name of Internal Sources	CFY	CFYm1	CFYm2
Students' fee			
·····			

I.0.9. Scholarships or any financial assistance provided to students? YES NO if provided, basis of scholarship/assistance : Merit/Parent's limited income/other

 # of Assistance
 Amount
 in CFY

 # of Assistance
 Amount
 in CFY minus 1

 # of Assistance
 Amount
 in CFY minus 2

0.11. Total No. of Engineering Total No. of Other Stude	students		_ Boys _	6	irls	
.0.12. Total No. of Employee		Male		Female		
0.13. Minimum and maximum during the CAY and the				the Engineerin	g College/In	nstitute/Facu
	(CAY	CA	Ym 1	CA	Ym2
Items	Min	Max	Min	Max	Min	Max
Teaching faculty in Engineering						
Teaching faculty in						
Science and Humanities Non-teaching staff						
Criterion I: Organization &	& Governa	nce, Resour	ces, Institu	tional Suppo	rt, Develo	pment &
Planning					· ,	
-I.1 Campus infrastructure a	and facility	(30)				
-I.1.1 Land, built up area and a	cademic inf		1			
- Physical resources availal		T J		D.::14		
A. Exclusive for this c B. Shared with other c		Land	acres	Built up floo	r space	sqm
in this campus, if a	ny	Land	acres	Built up floo	r space	sqm
	-			-		
I.1.2 Maintenance of academi	c infrastruct	ure and facilit	ies (5)			
Specify distinct features						
1						
I.1.3 Ambience, green cover,	water harves	sting, environi	nent preserva	tion etc. (5)		
Specify distinct features						
-I.1.4 Hostel (Boys and girls) (E 1 ' /01	1/D (1			
Hostel for Boys? Yes/ # of Rooms				# in waiting		
		into duto di Stud		" in watcing _		
Hostel for Girls? Yes/		Exclusive/Sl				
# of Rooms	_ # of accon	nmodated stud	ents	# in waiting _		
-I.1.5 Transportation facility a	nd canteen (5)				
T ()	X 7 /XT	́ г	lusive/State-	transport		
# of Buses	Facilit	y availed by _				
Canteen?	Yes/No					
# of Canteen			Dailv U	Jsage		
		5 - F ····				
-I.1.6 Electricity, power backu specific details in resp			ervice noints	for distribution	n water nuri	fication etc
specific details in resp		ieu capacity, s	ervice points	ior distribution	ii, water pur	incation etc

I-I.2 Organization, governance and transparency (20)

I-I.2.1 Governing body, administrative setup and functions of various bodies (5)

List Governing, Senate and all other Academic and Administrative bodies, their memberships, functions and responsibilities, relation of the members of the members of such bodies with the principal owner of the college/institute, frequency of the meetings and attendance therein, in tabular form. A few sampler minutes of the meetings and action taken reports should be annexed.

I-I.2.2 Defined rules, procedures, recruitment and promotional policies etc (5)

List of the published rules, policies and procedures, year of publications, awareness among the employees/students, availability on web etc.

- I-I.2.3 Decentralization in working and grievance addressal system (5)
 - List of faculty members who are administrators/decision makers for various assigned jobs
 - Specify the mechanism and composition of grievance addressal system, including faculty association, and staff-union, if any.
- I-I.2.4 Transparency and availability of correct/unambiguous information (5)
 - Dissemination and Availability of institute/program specific information through the web
 - Formation of a Cell in accordance with the provisions of Right To Information Act, 2005

I-I.3 Budget allocation and its utilization (10)

Summary of current financial year's budget and the actual expenditures incurred (exclusively for the College/Institute) for three preceding financial years

Item	Budgeted in CFY	Expenses in CFY (till)	Expenses in CFYm1	Expenses in CFYm2
Acquisition of land; & new buildings and infrastructural built-up				
Library				
Laboratory Equipment				
Laboratory consumables				
Teaching & Non-Teaching staff salary				
Travel				
Other, specify				

I-I.4 Library (25)

I-I.4.1 Library space and ambience, timings and usage (5)

Carpet area of Lib sqm Reading Space sqm # of Seats in reading space # of Users (issue book) per day # of Users (Reading space) per day	
Timings : Academic Working day Academic Weekend Vacation	
I-I.4.2 Availability of a qualified librarian and other staff, Library automation, online access, networking (5)	
# of Lib. Staff # of Lib. Staff with Degree in Lib	
Computerization for search, indexing, issue/return records? Yes No	

Bar-coding used ?	Yes	No
Lib services on internet/intranet?	Yes	No
INDEST or other similar membership ? specify	Yes	No

I-I.4.3 Variety of titles and the volumes per title (5)

# of Titles		_ # of Volumes _	
	-		
Year	# of New Titles added	# of New Editions added	# of New Volumes added
CFYm2			
CFYm1			
CFY			

I-I.4.4 Journal subscription and internationally acclaimed titles (5)

Year	# of Technical Magazines/	# of Total Technical Journals subscribed		Internationally acclaimed
	Periodicals	in Hardcopy	In Softcopy	titles in (originals, reprints)
CFYm2				
CFYm1				
CFY				

I-I.4.5 Digital library (5)

Availability of Digital Lib. contents ?		No
If available,		
# of Courses # of Books	An	y other ?
Availability of an exclusive server ?	Yes	No
Availability over intranet/internet?	Yes	No
Availability of exclusive space/room?	Yes	No
# of Users per day.		

I-I.5 Academic support units and common facilities for FIRST YEAR Courses (20)

I-I.5.1 Core laboratories (Adequacy of space, number of students per batch, quality and availability of measuring instruments, laboratory manuals, list of experiments) (10)

Core Lab Description	Space/# Students	# of experiments	Quality of instruments	Lab manuals

I-I.5.2 Central computing laboratory (4)

Computing Lab	Space	# of Computers	Variety of SWs	Usage/Timings	Lab Assistance?

I-I.5.3 Manufacturing practices laboratory (4)

Lab Description	Space/# Students	# of experiments	Quality of instruments	Lab manuals

I-I.5.4 Language laboratory (2)

Language Lab	Space/# Students	Type of experiments	Quality of instructions	Guidance/Learning

I-I.6 Internet (5)

Internet Provider			BW		
Access Speed ?	Poor	Good	Excellent		
A 11 1 11.					
Availability					
Availabili	ity in an	exclusive	lab for Internet use ?	Yes	No
Availabili	ity in mo	st compu	ting labs ?	Yes	No
Availabili	ity in dep	artments	and other units ?	Yes	No
Availabili	ity in fac	ulty room	ns?	Yes	No

I-I.7 Co-curricular and extra curricular activities (10)

I-I.7.1 Co-curricular and extra-curricular activities, e.g., NCC/NSS, cultural activities etc. (5)

Specify – facilities and usages in brief?

I-I.7.2 Sports grounds and facilities (5)

Specify - facility, management and usages ?

I-I.8 Career guidance, Training, placement and Entrepreneurship cell (15)

I-I.8.1 Effective career guidance services including counseling for higher studies (5)

Specify - facility, management & impact ?

I-I.8.2 Training and placement facility with training-n-placement officer (TPO), industry interaction for training/internship/placement (5)

Specify – facility, management & impact ?

I-I.8.3 Entrepreneurship cell and incubation facility (5)

Specify - facility, management & impact ?

I-I.9 Safety norms and checks (5)

Specify how safety norms and checks carried out in buildings, laboratories (e.g. those using hazardous chemicals, high voltages etc.) and other critical installations. Comment on how checks are conducted and how frequently are these carried out

I-I.10 Emergency medical care and first-aid (10)

I-I.10.1 Medical staff to provide first-aid and medical help in emergency;

#_Medical practitioners _____ #_of_nursing staff _____ Specify Medical facility within the Inst./College ? Medical facility nearby ?

I-I.10.2 Availability of ambulance services (response times and medical facility);

#_of ambulances within the Inst./college	Facility in ambulances	
Response-time in calling ambulance services from	outside	

Criterion II: Evaluation and Teaching-Learning Process

II-I.1 Evaluation system (40)

II-I.1.1 Published schedule in academic calendar for assignments/mid-semester tests, distribution of corrected scripts (10)

Items in Academic Calendar	Conduct during the period or in the academic week	Performance Feedback / Distribution of Scripts during the period or in the academic week
Assignments		
Tests		
Mid-sem. examination		
End-sem. examination		
Other activities		

II-I.1.2 Maintenance of Course files – class deliveries and their closeness and mapping with Program Educational Objectives (PEOs) (15)

Produce sample (best and average quality) course files, handouts showing course deliveries mapped with the identified PEOs. In case of an affiliated college, there may be a provision of teaching additional topics and supplementary tests/examinations in order to achieve the identified PEOs.

This exercise is aimed at to assess the provision and ability of the college to do the above in order to achieve the stated PEOs.

II-I.1.3 Quality of problems in assignments/tests/semester examinations and their closeness and mapping with Program Educational Objectives (PEOs) (15)

Produce sample (best and average quality) assignment sheets, lab sheets, test/examination question papers along with model solutions to assess how the PEOs are achieved by examining students' knowledge through assignments and examinations. In case of an affiliated college, there may be a provision of additional/supplementary tests/examinations to examine the additional subject topics covered to achieve the identified PEOs.

This exercise is aimed at to assess the provision and ability of the college to do the above in order to achieve the stated PEOs.

Provision of Tutorial classes in time-table	e? YES NO
Tutorial Sheets? YES NO	
	ing Assistants/Senior Students/Other (specify) er week #_of_students per tutorial class
#_of_subjects_with_tutorials: 1 st year	2^{nd} year 3^{rd} year 4^{th} year
I.2.2 Remedial classes and additional make-u classes, schedule of classes/tests and st	up tests to help academically weaker students : list of remedial tudents' lists (5)
Provision of Remedial Classes in Time T	Cable ? YES NO
	subjects out of total subjects per semester subjects out of total students in a semester
#_of_students_having_Remedial Calsses	s students out of total students in a semester
#_of_hours_of_Remedial_classes	per-subject per week
Provision of Makeup Tests in Academic	Calendar ? YES NO
# of subjects having Makeup Tests	subjects out of total subjects per semester
#_of_students_having_Makeup_Tests	students out of total students in a semester
<pre>#_of_hours_of_Makeup_Tests</pre>	per-subject per week
-I.2.3 Mentoring system to help at individual h	levels (5)
Type of Mentoring : Professional guidance	ce/Career advancement/Course work specific/
Lab specific/Total d	
Lab specific/Total d # of faculty mentors	development/ # of students per mentor
Lab specific/Total d	development/ # of students per mentor
Lab specific/Total d #_of_faculty_mentors Frequency of Meeting: Weekly/ Monthly	development/ #_of studentsper mentor //per semester/ Need based/ other
Lab specific/Total d #_of_faculty_mentors Frequency of Meeting: Weekly/ Monthly -I.3 Teaching evaluation process : Feedbacl	development/ #_of students per mentor // per semester/ Need based/ other k system (30)
Lab specific/Total d #_of_faculty_mentors Frequency of Meeting: Weekly/ Monthly -I.3 Teaching evaluation process : Feedbacl	development/ #_of students per mentor // per semester/ Need based/ other k system (30)
Lab specific/Total d #_of_faculty_mentors Frequency of Meeting: Weekly/ Monthly -I.3 Teaching evaluation process : Feedback -I.3.1 Design of proforma and process of feedback	development/ _ #_of students per mentor //per semester/ Need based/ other k system (30) back evaluation (5)
Lab specific/Total d #_of_faculty_mentors Frequency of Meeting: Weekly/ Monthly -I.3 Teaching evaluation process : Feedback I.3.1 Design of proforma and process of feedb #_of_Feedback_Items Space for descriptive feedback/suggestion	development/ _ #_of students per mentor //per semester/ Need based/ other k system (30) back evaluation (5) #_of_levels n etc. ? YES NO
Lab specific/Total d #_of_faculty_mentors Frequency of Meeting: Weekly/ Monthly -I.3 Teaching evaluation process : Feedback -I.3.1 Design of proforma and process of feedb #_of_Feedback_Items Space for descriptive feedback/suggestion Any consistency check?	development/ _ #_of students per mentor //per semester/ Need based/ other k system (30) back evaluation (5) #_of_levels n etc. ? YES NO YES NO
Lab specific/Total d #_of_faculty_mentors Frequency of Meeting: Weekly/ Monthly -I.3 Teaching evaluation process : Feedback I.3.1 Design of proforma and process of feedb #_of_Feedback_Items Space for descriptive feedback/suggestion Any consistency check? Any performance/attendance profile ?	development/ _ #_of students per mentor //per semester/ Need based/ other k system (30) back evaluation (5) #_of_levels n etc. ? YES NO YES NO YES NO YES NO
Lab specific/Total d #_of_faculty_mentors Frequency of Meeting: Weekly/ Monthly -I.3 Teaching evaluation process : Feedback I.3.1 Design of proforma and process of feedb #_of_Feedback_Items Space for descriptive feedback/suggestion Any consistency check?	development/ _ #_of students per mentor //per semester/ Need based/ other k system (30) back evaluation (5) #_of_levels n etc. ? YES NO YES NO YES NO YES NO YES NO YES NO
Lab specific/Total d #_of_faculty_mentors Frequency of Meeting: Weekly/ Monthly -I.3 Teaching evaluation process : Feedback -I.3.1 Design of proforma and process of feedback #_of_Feedback_Items Space for descriptive feedback/suggestion Any consistency check? Any performance/attendance profile ? Frequency of feedback collection : Once/ Feedback collection : Hard-copy/Web-ba	development/ _ #_of students per mentor //per semester/ Need based/ other k system (30) back evaluation (5) #_of_levels n etc. ? YES NO YES NO YES NO /Twice in a semester ased
Lab specific/Total d #_of_faculty_mentors Frequency of Meeting: Weekly/ Monthly -I.3 Teaching evaluation process : Feedback -I.3.1 Design of proforma and process of feedb #_of_Feedback_Items Space for descriptive feedback/suggestion Any consistency check? Any performance/attendance profile ? Frequency of feedback collection : Once/	development/ _ #_of students per mentor //per semester/ Need based/ other k system (30) back evaluation (5) #_of_levels n etc. ? YES NO YES NO YES NO /Twice in a semester ased
Lab specific/Total d #_of_faculty_mentors Frequency of Meeting: Weekly/ Monthly -I.3 Teaching evaluation process : Feedback -I.3.1 Design of proforma and process of feedback #_of_Feedback_Items Space for descriptive feedback/suggestion Any consistency check? Any performance/attendance profile ? Frequency of feedback collection : Once/ Feedback collection : Hard-copy/Web-ba -I.3.2 Feedback analysis and percentage of stu Feedback collected for all courses ?	development/ _ #_of students per mentor //per semester/ Need based/ other k system (30) back evaluation (5) #_of_levels n etc. ? YES NO YES NO YES NO /Twice in a semester ased udents' participation (5) YES NO
Lab specific/Total d #_of_faculty_mentors Frequency of Meeting: Weekly/ Monthly -I.3 Teaching evaluation process : Feedback -I.3.1 Design of proforma and process of feedback #_of_Feedback_Items Space for descriptive feedback/suggestion Any consistency check? Any performance/attendance profile ? Frequency of feedback collection : Once/ Feedback collection : Hard-copy/Web-ba -I.3.2 Feedback analysis and percentage of stu Feedback collected for all courses ? Specify the feedback collection process	development/ _ #_of students per mentor //per semester/ Need based/ other k system (30) back evaluation (5) #_of_levels n etc. ? YES NO YES NO YES NO /Twice in a semester ased dents' participation (5) YES NO
Lab specific/Total d #_of_faculty_mentors Frequency of Meeting: Weekly/ Monthly -I.3 Teaching evaluation process : Feedback I.3.1 Design of proforma and process of feedb #_of_Feedback_Items Space for descriptive feedback/suggestion Any consistency check? Any performance/attendance profile ? Frequency of feedback collection : Once/ Feedback collection : Hard-copy/Web-ba I.3.2 Feedback analysis and percentage of stu Feedback collected for all courses ? Specify the feedback collection process Who collects the feedback?	development/ _ #_of students per mentor //per semester/ Need based/ other k system (30) back evaluation (5) #_of_levels n etc. ? YES NO YES NO YES NO /Twice in a semester ased dents' participation (5) YES NO
Lab specific/Total d #_of_faculty_mentors Frequency of Meeting: Weekly/ Monthly -I.3 Teaching evaluation process : Feedbacl -I.3.1 Design of proforma and process of feedback #_of_Feedback_Items Space for descriptive feedback/suggestion Any consistency check? Any performance/attendance profile ? Frequency of feedback collection : Once/ Feedback collection : Hard-copy/Web-ba -I.3.2 Feedback analysis and percentage of stu Feedback collected for all courses ? Specify the feedback collection process _ Who collects the feedback? _ When feedback is collected ?	development/ _ #_of students per mentor //per semester/ Need based/ other k system (30) back evaluation (5) #_of_levels n etc. ? YES NO YES NO YES NO /Twice in a semester ased ndents' participation (5) YES NO
Lab specific/Total d #_of_faculty_mentors Frequency of Meeting: Weekly/ Monthly -I.3 Teaching evaluation process : Feedback -I.3.1 Design of proforma and process of feedb #_of_Feedback_Items Space for descriptive feedback/suggestion Any consistency check? Any performance/attendance profile ? Frequency of feedback collection : Once/ Feedback collection : Hard-copy/Web-ba -I.3.2 Feedback analysis and percentage of stu Feedback collected for all courses ? Specify the feedback collection process _ Who collects the feedback? _ When feedback is collected ? Percentage of students particip	development/ _ #_of students per mentor //per semester/ Need based/ other k system (30) back evaluation (5) #_of_levels n etc. ? YES NO YES NO YES NO /Twice in a semester ased dents' participation (5) YES NO pating
Lab specific/Total d #_of_faculty_mentors Frequency of Meeting: Weekly/ Monthly -I.3 Teaching evaluation process : Feedback -I.3.1 Design of proforma and process of feedb #_of_Feedback_Items Space for descriptive feedback/suggestion Any consistency check? Any performance/attendance profile ? Frequency of feedback collection : Once/ Feedback collection : Hard-copy/Web-ba -I.3.2 Feedback analysis and percentage of stu Feedback collected for all courses ? Specify the feedback collection process _ Who collects the feedback? _ When feedback is collected ? Percentage of students particip	development/ _ #_of students per mentor //per semester/ Need based/ other k system (30) back evaluation (5) #_of_levels n etc. ? YES NO YES NO YES NO /Twice in a semester ased dents' participation (5) YES NO pating
Lab specific/Total d #_of_faculty_mentors Frequency of Meeting: Weekly/ Monthly -I.3 Teaching evaluation process : Feedbacl -I.3.1 Design of proforma and process of feedback #_of_Feedback_Items Space for descriptive feedback/suggestion Any consistency check? Any performance/attendance profile ? Frequency of feedback collection : Once/ Feedback collection : Hard-copy/Web-ba -I.3.2 Feedback analysis and percentage of stu Feedback collected for all courses ? Specify the feedback collection process When feedback is collected ? Percentage of students particip Specify the feedback analysis process Is this done manually ?	development/ _ #_of students per mentor //per semester/ Need based/ other k system (30) back evaluation (5) #_of_levels n etc. ? YES NO YES NO YES NO /Twice in a semester ased ndents' participation (5) YES NO pating
Lab specific/Total d #_of_faculty_mentors Frequency of Meeting: Weekly/ Monthly -I.3 Teaching evaluation process : Feedbacl -I.3.1 Design of proforma and process of feedback #_of_Feedback_Items Space for descriptive feedback/suggestion Any consistency check? Any performance/attendance profile ? Frequency of feedback collection : Once/ Feedback collection : Hard-copy/Web-ba -I.3.2 Feedback analysis and percentage of stu Feedback collected for all courses ? Specify the feedback collection process When feedback is collected ? Percentage of students particip Specify the feedback analysis process In this done manually ?	development/ _ #_of students per mentor //per semester/ Need based/ other k system (30) back evaluation (5) #_of_levels n etc. ? YES NO YES NO YES NO /Twice in a semester ased dents' participation (5) YES NO pating

II-I.3.3 System of rev	vard/corrective meas	ures etc. (10)			
Basis of reward Were extraneo Was result con # of awards # of corrective	in CA	Y in C	AYm1	considered ? in CAYm2 in CAYm2	YES NO YES NO
II-I.3.3 Any feedback	mechanism from all	umni, parents an	d industry (1	0)	
Specify the me	chanism of feedback	c collection and	analysis		
# of feedback	received in CA	Y in C.	AYml	in CAYm2	
Specify typical	corrective actions ta	aken, if any			
II-I.4 Self Learning II-I.4.1 Generation of Specify self-le		es and motivatio	on (10)		
II-I.4.2 Availability o Specify learnir	f learning beyond sy ng beyond syllabus co		-		
II-I.5 Faculty Ratio List of faculty	and qualification for members teaching fi			Courses (25)	
Name of Faculty	Qualification	Designation	Date of joining college	Department with which associated	Name of the course taught
····					
	f Faculty Availability data for first year co Items dents in First Year	-			CAYm2
	ulty teaching first ye	ar courses			
Teacher-studer	it ratio				
I-I.5.2 Assessment o	Qualification = $(10 * x)$ ere x = No. of F y = No. of F z = No. of F	+ 6 * y + 4 * z) / Faculty Members Faculty Members	N with Ph. D with M. E / M. with B. E / B.	Tech. Tech./M.Sc./M.A	
		-			

Year	Х	у	Z	N	Assessment of Qualification
CAYm2					
CAYm1					
CAY					
Average Assessment of Qualification					

II-I.6 Academic performance in First Year Common Courses (40)

Academic Performance = 40 * FYSI

where FYSI = First Year Success Index

= (No. of students who have cleared all the subjects in a single attempt of their semester or year end examination) / (Total no. of students admitted in the first year)

Items	CAYm1	CAYm2	CAYm3
No. of students admitted in First Year			
No. of students who have cleared all subjects in single attempt			
First Year Success Index (FYSI)			

Av. FYSI =

Academic Performance = 40 * Av. FYSI = _____

PART II Department / Programme Summary (Criteria III to VIII)

D.0.1. Name and Address of the Department:

D.0.2. Name, designation, telephone numbers and e-mail id of the contact person for NBA:

D.0.3. History of the Department (including dates of introduction and no. of seats of various programmes of study, which are run by the department along with NBA accreditation, if any), in tabular form:

Programme of Study	Description	
UG in	Started with seats in Intake increased to in Intake increased to in Accredited by NBA-AICTE in Accredited by NBA-AICTE in	for years for years
UG	····	
MCA		
PG		

D.0.4. List the names of the Programmes/Departments which share human resources and/or the facilities of this Department/Programmes

D.0.5. Total No. of Students	Во	ys	Girls
D.0.6. Total No. of Employee	Ma	ale	Female

D.0.7. Minimum and maximum number of faculty and staff on roll during the current and previous two academic years (1st July to 30th June) in the Department :

	CAY		CAY minus 1		CAY minus 2	
	Min	Max	Min	Max	Min	Max
Teaching faculty in the						
Department						
Teaching faculty with						
the Programme						
Non-teaching staff						
· ·						

D.0.8. Summary of budget for the CFY and the actual expenditures incurred in the CFYm1 and CFYm2 (exclusively for this Programme in the Department)

Items	Budgeted in CFY	Actual expenses in CFY (till)	Actual Expenses in CFYm1	Actual Expenses in CFYm2
Laboratory equipments				
SW purchase				
Laboratory consumables				
Maintenance and spares				
Travel				
Miscellaneous expenses				
for academic activities				

Criterion III : Students' Entry and Outputs (150)

III-P.1 Students admission (10)

Admission Intake

Items	CAY	CAYm1	CAYm2	CAYm3
Sanctioned Intake Strength in the program				
No. of total admitted students in First year				
No. of total admitted students (including lateral entries in 2^{nd} year, if any), belonging to the same batch				

Admission Quality : Divide the total admitted ranks (or percentage-marks) into 5 or a few more meaningful ranges

Rank Range	CAY	CAYm1	CAYm2	CAYm3
1 to 10,000				
10,001 to 20,000				
20,001 to 50,000				
50,001 to 1,00,000				
1,00,001 to 2,00,000				
Admitted without rank				

III-P.2 Success Rate (30)

Provide data for the past 7 batches of students (Successfully completed implies Zero Backlogs)

Year of Entry (in reverse chronological order)	# of Students Admitted in 1st year + Admitted in 2^{nd} year (x + y)	# of Students successfully completed 1 st year	# of Students successfully completed 2 nd year	# of Students successfully completed 3 rd year	# of Students successfully earned their degree in just 4 years
CAY					
CAYm1					
CAYm2					
CAYm3					
CAYm4 / LYG					
CAYm5 / LYGm1					
CAYm6 / LYG m2					

Success Rate

= 30 * Mean of Success Index (SI) for past 3 batches

SI

= (No. of students who cleared the program in the minimum period of course duration) / (No. of students admitted in the first year of that batch)

Items	LYG or CAYm4	LYGm1 or CAYm5	LYGm2 or CAYm6
No. of students admitted in the corresponding First Year			
No. of students who have graduated in 4 years			
Success Index (SI)			

Av. SI = _____

Success Rate = 30 * Av. SI = _____

III-P.3 Academic performance (30)

Academic Performance	= 3 * API
Where API	= Academic Performance Index
	= Mean of Cumulative Grade Point Average of all the
	Students on a 10 point CGPA System
	OR

= Mean of the percentage of marks of all students / 10

Items	LYG or CAYm4	LYGm1 or CAYm5	LYGm2 or CAYm6
Approximating the API by the following mid-point analysis			
# of students in 10.0 <= CGPA < 9.0			
# of students in $9.0 \le CGPA \le 8.0$			
Total			
Approximating API by Mid-CGPA			
Exact Mean of CGPA/Percentage of all the students (API)			

Av. API =

Academic Performance = 3 x Av. API = _____

III-P.4 Placement and higher studies (40)

Assessment Points = 40 * (X + 1.25 * Y) / N

Where X = Number of students placed,

Y = Number of students admitted for higher studies with valid qualifying scores/ranks,

N = Total number of students who were admitted in the batch

subject to Max. Assessment Points = 40.

Items	LYG	LYGm1	LYGm2
# of Admitted students corresponding to LYG (N)			
# of students who obtained jobs as per the record of			

placement office (X1)	
# of students who found employment otherwise at the end of the final year (X2)	
X = X1 + X2	
Number of students who went for higher studies with valid qualifying scores/ranks (Y)	
Assessment Points	

III-P.5 Professional Activities (20)

Provide data for the past 3 years – CAY, CAYm1 and CAYm2

III-P.5.1 Professional societies/ chapters and organizing engineering events (4)

List the above in Tabular form

III-P.5.2 Organization of paper contests, design contests etc. and their achievements (4)

List the above in Tabular form

III-P.5.3 Publication of technical magazines, newsletters etc. (4)

List the above publications along with the names of the editors, publishers etc.

III-P.5.4 Entrepreneurship initiatives, product designs, innovations (4)

Specify the efforts and achievements

III-P.5.5 Publications and awards in inter institute events by students of the programme of study (4)

Include a Table having those publications, which fetch awards by students in the events/conferences organized by other institutes. Include a tabulated list of all other student publications in a separate annexure.

III-P.6 Students' Projects Quality (20)

Include list of five best and average projects each, taken each from three years– CAY, CAYm1 and CAYm2 – along with their contributions

Name of the Student(s)	Project Title	Areas of Specialization	Project Supervisor(s)	Contribution/ Achievements / Research Output	Matching with the stated PEOs	Publication
In CAYm2						
In CAYm1						
In CAY						

Criterion IV: Faculty Contributions

List of Department Faculty : Exclusively	y for the Program / Shared with other Programs

Name of the Faculty	Designation (administrativ e positions, if any,)	Qualification, University and year of graduation	Areas of Specialization	Date of joining the department/ program; Load sharing with more than one programms	No. of research publications in journals and conferences since joining the department and Total no. of such publications	# of current R & D and consultancy projects and the amount
					nJ, nC (NJ, NC)	
•••						

IV-P.1 Teacher - student ratio (20)

I cachei	Stuatifi	1400 (20)
Assessme	ent	= 20 * TSR / 15
Where	TSR	= Teacher Student Ratio
		$= (\mathbf{x} + \mathbf{y} + \mathbf{z}) / \mathbf{N}$
sub	ject to Ma	x. $TSR = 15;$
Where	e x	= No. of students in 2^{nd} year of the program
	У	= No. of students in 3^{rd} year of the program
	Z	= No. of students in 4^{th} year of the program
	Ν	= Total No. Faculty Members in the program

N = Total No	Faculty Members	in the program
--------------	-----------------	----------------

Year	Х	у	Z	x+y+z	Ν	TSR	Assessment
CAYm2							
CAYm1							
CAY							
Av. Assessment							

IV-P.2 Cadre ratio (20)

Assessment = 20 * CRI Where CRI = Cadre Ratio Index = 2.25 (2x + y) / Nsubject to Max. CRI = 1.0;

where x = No. of professors in the program y = No. of associate professors / readers in the program

 \dot{N} = Total No. Faculty Members in the program

Year	х	у	Ν	CRI	Assessment
CAYm2					
CAYm1					
CAY					
Av. Assessment					

IV-P.3 Faculty qualifications (40)

v 1	· ·	/
Assessment	= 4 * FQ	Į
Where F	QI	= Faculty Qualification Index
		= (10 * x + 6 * y + 4 * z) / N
Where x	= No. of	f Faculty Members with Ph. D in Engineering
	у	= No. of Faculty Members with M. E / M. Tech
	Z	= No. of Faculty Members with B. E / B. Tech
	Ν	= Total No. Faculty Members

Year	Х	у	Z	Ν	FQI	Assessment
CAYm2						
CAYm1						
CAY						
	Av. Assessment					

IV-P.4 Faculty retention (20)

Assessment = 4 * RPI / N

Where RPI = Retention Point Index

= Points assigned to all Faculty

Where Points assigned to a faculty = 1 point for each year of experience at the Institute but not exceeding 5. N = Total No. of Faculty Members

Item	CAYm2	CAYm1	CAY
# of faculty with less than 1y (x0)			
# of faculty with $1y \le period \le 2y(x1)$			
# of faculty with $2y \le period \le 3y(x2)$			
# of faculty with $3y \le period \le 4y(x3)$			
# of faculty with $4y \le period \le 5y (x4)$			
# of faculty with more than 5 y (x5)			
Ν			
RPI = x1 + 2x2 + 3x3 + 4x4 + 5x5			
Assessment			

IV-P.5 Research publications and IPR (20)

Faculty Points in Publications and IPR (FPPR) = Assessment of Publications + Assessment of IPR

Assessment of Publications = 3 * Sum of the Research points scored by each Faculty member / No. of sanctioned positions of Professors and Readers Assessment of IPR = Sum of the IPR points scored by each Faculty member / No. of sanctioned positions of Professors and Readers

Note: A faculty member scores at the most 5 Research points depending upon the quality of the research papers published in the past 3 years. For this research papers considered are those (i) which can be located on Internet and/or are included in hard-copy volumes/proceedings, published by a well known publishing house, and (ii) the faculty member's affiliation, in the published paper, is the one of the same college/institute. For multiple authors, every author of the same college will earn the points.

Similarly, a faculty member scores 1 point for each IPR subject to a maximum of 5 points. Include a list of all such publications along with details of DOI, publisher, month/year, etc.

	CAYm2		CAYm1			CAY			
Name of faculty (contributing to FPPR)	Pub Points (x)	IPR Points (y)	Pub + IPR Points (3x +y)	Pub Points (x)	IPR Points (y)	Pub + IPR Points (3x +y)	Pub Points (x)	IPR Points (y)	Pub + IPR Points (3x +y)
Sum									
N (Min. N is 3) (excluding Asstt Prof.)									
Assessment FPPR = (Sum/N)									
Av. Assessment									

IV-P.6 Externally funded R & D projects and consultancy work (20)

Assessment of R&D & Consultancy Projects = 4 * Sum of FPPC by each faculty

/ No. of sanctioned positions of Professors and Readers

Where FPPC = Faculty Points in Projects and Consultancy

Note: A faculty member gets at the most 5 points depending upon the amount of externally funded R & D project and/or consultancy work. For multiple faculty members involved in a single project, every faculty member will earn the points, depending on the funding agency as given below:

5 points for funding by National Agency,

4 points for funding by State Agency,

3 points for funding by private sector, and

2 points for funding by the sponsoring Trust/Society.

Points to be awarded, if the total fund available for a project is of minimal one lakh rupees in the CFY.

Name of faculty	FPPC Points					
(contributing to FPPC)	CAYm2	CAYm1	CAY			
Sum						
N (Min. N is 3) (excluding Asstt Prof.)						
Assessment FPPC = 4 x Sum/N						
Av. Assessment						

IV-P.7 Interactions of faculty members with outside world (10) Assessment of Interaction

Where IP

= 2 * Sum of IP by each faculty

/ No. of sanctioned positions of Professors and Readers

= Interaction points scored by each faculty member

Note: A faculty member gets at the most 5 Interaction Points depending upon the type of Institution or R&D Lab or Industry. Only those interactions will be considered who have resulted in joint quality publication, R& D projects and/or consultancy. The points earned by each faculty shall be decided as given below:

5 points for interaction with a well known Institute/University abroad,

4 points for interaction with Institute of Eminence in India or National Research Labs,

3 points for interaction with University / Industry in India and Institute/University (not covered) above

2 points for interaction with State Level Institutions, and

1 point for interaction with private affiliated Institutions.

Point to be warded, are for those activities, which result in joint efforts in publication of books/research paper, pursuing externally funded R & D projects and/or development of semester-long course/teaching modules.

Name of faculty	IP Points					
(contributing to IP)	CAYm2	CAYm1	САҮ			
Sum						
N (Min. N is 3) (excluding Asstt Prof.)						
Assessment IP = $2 \times \text{Sum/N}$						
	Av. Assessment					

Criterion V: Facilities and Technical Support

Description of Class rooms, faculty rooms, seminar and conference halls: (Entries in the following table are sampler entries)

Room Description	Usage	Shared / Exclusive ?	Capacity	Rooms Equipped with
Class Room No.	Class room for 2 nd year	Exclusive		
Tutorial rooms				
Seminar Room no.		Shared	100	
Meeting room no.		Exclusive		
Faculty rooms (n)				PC, Internet, Book rack,

V-P.1 Class rooms in the department (15)

V-P.1.1 Enough rooms for lectures (core/electives), seminars, tutorials, etc for the program (5)

Assessment based on the information provided in the above table

V-P.1.2 Teaching aids – black/white-board, multimedia projectors, etc. (5)

Assessment based on the information provided in the above table

V-P.1.3 Acoustics, class room size, conditions of chairs/benches, air circulation, lighting, exits, ambiance, etc. (5)

Assessment based on the information provided in the above table and the inspection thereof

V-P.2 Faculty rooms in the department (15)

V-P.2.1 Availability of individual faculty rooms (5)

Assessment based on the information provided in the above table

V-P.2.2 Room equipped with white/black board, computer, internet, etc. (5)

Assessment based on the information provided in the above table

V-P.2.3 Usage of room for discussion/counseling with students (5)

Assessment based on the information provided in the above table and the inspection thereof

V-P.3 Laboratories in the department to meet the curriculum requirements as well as the PEOs (25)

Curriculum Lab Description	Exclusive use/Shared?	Space/# Students	# of experiments	Quality of instruments	Lab manuals

V-P.3.1 Enough labs to run all the program specific curriculum (10)

Assessment based on the information provided in the above table

V-P.3.2 Availability of computing facilities available exclusively in the department (5)

Assessment based on the information provided in the above table

V-P.3.3 Availability of labs with tech. support within and beyond working hours (5)

Assessment based on the information provided in the above table

V-P.3.4 Equipments to run experiments and their maintenance, Number of students per experimental set up, Size of the laboratories, overall ambience etc. (5)

Assessment based on the information provided in the above table

V-P.4 Technical manpower support in the department (20)

Name of the Tech	Designation	Exclusive (Shared	Date of	Qualification		Other Technical	Responsi bility
Staff	(Pay-scale) /Sildicu Joinin	Joining	At Joining	Now ?	Skills gained?		

V-P.4.1 Availability of adequate and qualified technical supporting staff for program specific labs (10)

Assessment based on the information provided in the above table

V-P.4.2 Incentives, skill-up gradation and professional advancement (10)

Assessment based on the information provided in the above table

Criterion VI: Continuous Improvements

VI-P.1 Improvement in Success Index of students (10)

From III-P.2

Items	LYG	LYGm1	LYGm2
Success Index			

VI-P.2 Improvement in academic performance of students (10)

From III-P.3

Items	LYG	LYGm1	LYGm2	
API				

VI-P.3 Enhancement of faculty qualifications and retention (15)

From IV-P.3 and IV-P.4

Items	CAY	CAYml	CAYm2
FQI			
RPI			

VI-P.4 Improvement in Faculty activities in research publication, R & D work and consultancy, and interaction (15)

From IV-P.5 and IV-P.6

Items	CAY	CAYm1	CAYm2
FPPR			
FPPC			
IP			
Sum			

VI-P.5 Continuing education (10)

Specify the contributory efforts made by the faculty by developing the course/lab modules and conducting short-term courses/workshops etc. for continuing education :

Module Description	Any other contributory Inst./Industry	Developed/ organized by	Duration	Resource Persons	Target Audience	Usages and citation etc.

VI-P.6 New facility created (10)

Specify the new facility created to strengthening the curriculum and/or to meet the PEOs:

Module Description	Any other contributory Inst./Industry	Developed by	Duration of Development	Resources consumed	Target Audience	Usages and citation etc.
In CAYm2						
In CAYm1						
In CAY	•	•	•		•	•

VI-P.7 Overall improvements (5)

Specify the overall successive improvements in curriculum and others:

Specify the improvement	Improvement brought in	Contributed by	List the PEO(s), which are strengthened	Comments, if any
In CAYm2	·			
In CAYm1				

In CAY		

Criterion VII: Curriculum

List all the course modules along with their objectives and outcomes (in Part III):

	U	Jnits	Science/HSS/	PEOs specified by Affiliating Univ. or the College ?	Additional theory/lab/	
Course	Theory	Lab	Professional Core, Elective or Breadth?		assignments/ tests needed to meet objectives?	Comments

VII-P.1 Contents of basic sciences, HSS, professional core and electives, and breadth (40)

Assessment is based on the balanced composition of basic sciences, HSS, professional core and electives, and breadth to meet the PEOs. If such components are not included in the curriculum provided by the affiliated university, then the college/Inst. should make additional efforts to impart such knowledge through covering such aspects through "contents beyond syllabi".

VII-P.2 Emphasis on laboratory and project work (30)

Assessment is based on the balanced laboratory and project work along with theory, to meet the PEOs. If enough lab/design/experimentation components are not included in the curriculum provided by the affiliated university, then the college/Inst. should make additional efforts to impart such knowledge through covering such aspects through "contents beyond syllabi".

VII-P.3 Curriculum updates and PEO reviews (30)

List of course modules (along with coverage beyond syllabus) and PEOs which were updated and revised in past 3 years by the college, irrespective of curriculum updates by the affiliating university, in order to meet the corresponding PEOs

VII-P.4 Additional contents to bridge curriculum gaps (25)

Assessment is based on program specific contents which are added to bridge curriculum gaps across the courses in order to achieve PEOs and the specific course objectives

Criterion VIII: Program Educational Objectives – Their Compliance and Outcomes

List all the course modules along with their PEOs (in Part III):

	Units		Quality of PEOs		nal conter EOs throu	Assessment through Course	
Course	Theory	Lab	specified ?	Theory	Lab	Assignme nts/Tests	files/Lab and assignment sheets/Test papers
			Poor/Av/Good/Excell				
• • • • • •							
• • • •							

VIII-P.1 Course objective and mapping (20)

Assessment is based on the PEOs defined for a course or a set of courses and their mapping with the content delivery and knowledge gain through theory classes, lab experiments, assignments and tests.

VIII-P.2 Assessment outcomes (20)

Assessment is based on the feasibility, applicability and quality of the PEOs' with the course delivery. Assessment is also based on the methodologies for outcome measurements from the stake-holders including industry, alumni, and professional bodies.

VIII-P.3 Mapping with faculty expertise (20)

Course	Units		Area of specialization	Name of the Faculty whose	
	Theory	Lab	needed to achieve PEOs	expertise matched with the specialization	Comments

Assessment is based on the factor that the expertise needed to deliver the contents is met with the faculty expertise and on a balanced load factor of the concerned faculty. Faculty expertise should be adequate to cater for all the major fields specified in the program criteria.

VIII-P.4 Mapping with outcomes (20)

Assessment is based on what extent the PEOs/curriculum map with the outcomes

VIII-P.5 Significant achievements (20)

List significant achievements, in respect of curriculum, stated PEOs and their outcomes, in CAY, CAYm1 and CAYm2.

PART III Curriculum, Syllabi, PEOs and Outcomes

In this part of SAR, the course modules and/or a group of course modules, in the program, should be arranged in order to provide the following information:

- 1. Program Educational Objectives (PEOs) and Course Objectives,
- 2. Program and Course Outcomes,
- 3. Mapping of PEOs with the expected outcomes,
- 4. Additional contents beyond the syllabi, if needed, to be provided to meet the outcomes with the course objectives, and
- 5. How to make provisions for the additional contents, if needed to bridge the gaps, in the academic calendar.

Three sample cases of the programmes in Electrical & Electronics Engineering, Mechanical Engineering and Chemical Engineering are included in "Evaluation Guidelines" as sampler guidelines.

* * *

PART IV

List of documents/records to be made available during the visit

(Three years of records to be made available, wherever applicable)

Institute Specific

- I.1. Land papers, built-plan and approval etc.
- I.2. Composition of GC/GB, Senate and other Academic and Administrative bodies, their functions and responsibilities. List of all the meetings held in the past 3 years along with the attendance records. Representative minutes and action-taken reports of a few meetings of such bodies along with the list of current faculty members who are members of such bodies.
- I.3. Rules, policies and procedures published by the college/Institute including service book and academic regulations and other along with the proof that the employee/students are aware of the rules and procedures.
- I.4. Budgeted allocation and utilization : Audited statement of accounts
- I.5. Informative web site
- I.6. Library resources books and journal holdings,
- I.7. Listing of core, computing and manufacturing etc. labs
- I.8. Records of T & P and career & guidance cells
- I.9. Records of safety checks and critical installations
- I.10. Medical care records and usages of ambulance etc.
- I.11. Academic calendar, schedule of tutorial and makeup classes
- I.12. Course handouts/files along with PEOs; list of additional topics to meet PEOs and outcomes.
- I.13. Set of question papers, assignments, evaluation schemes etc.
- I.14. Feedback proforma, analysis and corrective actions
- I.15. Documented feedback received from the stake-holders (e.g., Industries, Parents, Alumni, Financiers etc.) of the college/institute
- I.16. List of faculty who teach first year courses along with their qualifications
- I.17. First year results.

Program Specific

- P.1 NBA accreditation reports of the past visits, if any
- P.2 Department budget and allocations of the past 3 years
- P.3 Admission seats filled and ranks (3y data)
- P.4 List/Number of students who clear the program in 4y (3y data)
- P.5 Av. Grade point (CGPA) (3y data of students CGPA/percentage)
- P.6 Placement and higher studies data (3y data)
- P.7 Professional society activities, events, conferences organized etc.
- P.8 List of students' papers along with hard-copies of the publications; professional society publications/magazines etc.
- P.9 Sample best and average project reports/theses
- P.10 Details of faculty student ratio
- P.11 Faculty details with their service books, salary details, sample appointment letters, promotion and award letters/certificates
- P.12 Faculty list with designation, qualification, joining date, publication, R & D, interaction details
- P.13 List of faculty publications along with DOIs and publication/citation details
- P.14 List of R & D and consultancy projects along with approvals and project completion reports
- P.15 List and proofs of faculty interaction with outside world
- P.16 List of class rooms, faculty rooms,
- P.17 List of program specific labs & computing facility within dept.
- P.18 List of non-teaching staff with their appointment letters etc
- P.19 List of short-term courses, workshop arranged and course-modules developed
- P.20 Records of new program specific facility created, if any
- P.21 Records of overall program specific improvements, if any
- P.22 Curriculum, PEO/Course objectives and Outcomes,
- P.23 Known gaps in the curriculum vis-à-vis PEOs and Outcomes
- P.24 List of contents beyond syllabi and schedule in academic calendar, if any
- P.25 Course files, plan of course delivery, question papers, assignments, list of experiments etc.