Department of Petrochemical Engineering

Academic Audit Report 2017-18

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ering Period of Period of Period of Sugineering, wwv 890578  @dbatu.ac.in, 942  AAAC Executive dated 3-3-2015-D ersity, Lonere-Ma Faculty 106		Dr. Babasaheb Ambedkar Technological University	ikar Technological	Jniversity	
rering Department Data 2017-18  Period of  Period of  nent of Petrochemical Engineering, www njal@dbatu.ac.in, 9423890578  P. Jawanjal vpjawanjal@dbatu.ac.in, 942  N. Singh,Insingh@dbatu.ac.in, 80873690  Present, accredited twice in the past i.e.,2  e, 1st Cycle,2015,2.35 NAAC Executive  C(SC)_05_A&A_083 dated 3-3-2015-D  kar Technological University, Lonere-Ma  r Faculty  r Faculty  Contract Faculty  ug: 02  Working:06	1	Academic Audit of Departi	ment of Petrochemic	al Engineering	
nent of Petrochemical Engineering, wwwnjal@dbatu.ac.in, 9423890578  P. Jawanjal vpjawanjal@dbatu.ac.in, 942  N. Singh,Insingh@dbatu.ac.in, 80873690.  Resent, accredited twice in the past i.e.,2  e, 1st Cycle,2015,2.35 NAAC Executive  C(SC)_05_A&A_083 dated 3-3-2015-D  kar Technological University, Lonere-Marar Faculty  I. Faculty  Rocking:02		Department Data Petrochemical	Engineering Depar	tment Data 2017-18	
ment of Petrochemical Engineering, www njal@dbatu.ac.in, 9423890578  P.Jawanjal vpjawanjal@dbatu.ac.in, 9423890578  N. Singh,Insingh@dbatu.ac.in, 808736903  Present, accredited twice in the past i.e., 2015 and 2015, 2.35 NAAC Executive and 2015, 2.35 NAAC Executive and 2015, 2.35 NAAC Executive and 2015 and	Vam	e of the University Department:-Petrochemical Engi	neering	Period of	f Audit: 2017-18
Name of the University Department, Website, email and Ph.No.  Name of the HoD, email & Mob.No  Name of the HoD, email & Mob.No.  Name of the HoD, email & Mob.No.  Name of the HoD, email & Mob.No.  Name of the IQAC Coordinator, email & Mob. No.  Year of Establishment & own land if any  NAAC Grade with Cycle, Accredited Year & CGPA  Status of preparation if not Accredited Year & CGPA  UGC Recognition (2F & 12 B)  Department Working Hours( if shift system mention details  No. of Posts Sanctioned: 07  No. of Posts Sanctioned: 07  Name of the HoD, email & Mob.No.  No. of Posts Sanctioned: 07	-Dep	artment Profile			
Name of the HoD, email & Mob.No  Name of the Vice-Principal, if any, email & Mob. No.  Name of the Vice-Principal, if any, email & Mob. No.  Name of the Vice-Principal, if any, email & Mob. No.  Name of the Vice-Principal, if any, email & Mob. No.  Name of the Vice-Principal, if any, email & Mob. No.  Name of the Vice-Principal, if any, email & Mob. No.  No. of Posts Sanctioned: 07  Name of the Vice-Principal, if any, email & Mob. No.  No. of Posts Sanctioned: 07  No. of Posts Sanctioned: 07  No. of Posts Sanctioned: 07	-	Name of the University Department, Website, email and Ph.No.	Department of Petro vpjawanjal@dbatu.a	chemical Engineering, ww c.in, 9423890578	w.dbatu.ac.in,
Name of the Vice-Principal, if any, email & Mob. No.  Name of the Vice-Principal, if any, email & Mob. No.  Name of the IQAC Coordinator, email & Mob. No.  Year of Establishment & own land if any  NBA accreditation of courses  NAAC Grade with Cycle, Accredited Year & CGPA  Status of preparation if not Accredited  Status of preparation if not Accredited Year & CGPA  OGC Recognition (2F & 12 B)  Department Working Hours( if shift system mention details of both shifts & give reasons for shift system)  No. of Posts Sanctioned: 07  No. of Posts Sanctioned: 07  No. Morking: 02	7	Name of the HoD, email & Mob.No	Prof. V.P.Jawanjal v	pjawanjal@dbatu.ac.in, 94	123890578
Name of the IQAC Coordinator, email & Mob. No.  Year of Establishment & own land if any  NBA accreditation of courses  NBA accreditation of courses  NAAC Grade with Cycle, Accredited Year & CGPA (Status of preparation if not Accredited)  NAAC Grade with Cycle, Accredited Year & CGPA (Status of preparation if not Accredited)  NAAC Grade with Cycle, Accredited Year & CGPA (Status of preparation if not Accredited)  NAAC Grade with Cycle, Accredited Year & CGPA (Status of preparation if not Accredited)  Ambedkar Technological University, Lonere-Ma Yes  Department Working Hours( if shift system mention details of both shifts & give reasons for shift system)  No. of Posts Sanctioned: 07  Working: 02  Working: 06	B		NA		
Year of Establishment & own land if any1989, YesNBA accreditation of coursesNot at Present, accredited twice in the past i.e.,2NAAC Grade with Cycle, Accredited Year & CGPA (Status of preparation if not Accredited)B Grade, 1st Cycle,2015,2.35 NAAC Executive Date- EC(SC)_05_A&A_083 dated 3-3-2015-DUGC Recognition (2F & 12 B)YesDepartment Working Hours( if shift system mention details of both shifts & give reasons for shift system)9.00 A.M. TO 6.00 P.M.No. of Posts Sanctioned: 07Regular Faculty Working: 02Working: 06	4	Name of the IQAC Coordinator, email & Mob	Dr. L. N. Singh,Insir	gh@dbatu.ac.in ,80873690	025
NBA accreditation of courses  Not at Present, accredited twice in the past i.e.,20  NAAC Grade with Cycle, Accredited Year & CGPA  (Status of preparation if not Accredited)  UGC Recognition (2F & 12 B)  Department Working Hours (if shift system)  No. of Posts Sanctioned: 07  Not at Present, accredited twice in the past i.e.,20  B Grade, 1st Cycle,2015,2.35 NAAC Executive Date-EC(SC)_05_A&A_083 dated 3-3-2015-D  Ambedkar Technological University, Lonere-Ma  Yes  9.00 A.M. TO 6.00 P.M.  Regular Faculty  Working: 02  Working: 02	5		1989, Yes		
NAAC Grade with Cycle, Accredited Year & CGPA (Status of preparation if not Accredited Year & CGPA (Date- EC(SC)_05_A&A_083 dated 3-3-2015-D Ambedkar Technological University, Lonere-Ma Yes  UGC Recognition (2F & 12 B)  Department Working Hours( if shift system mention details of both shifts & give reasons for shift system)  No. of Posts Sanctioned: 07  No. of Posts Sanctioned: 07	7		Not at Present, accre	dited twice in the past i.e.,	2003-06,2007-12
UGC Recognition (2F & 12 B)  Department Working Hours( if shift system mention details of both shifts & give reasons for shift system)  No. of Posts Sanctioned: 07  Yes  9.00 A.M. TO 6.00 P.M.  Regular Faculty Working: 02  Working: 06	∞	NAAC Grade with Cycle, Accredited Year & ( Status of preparation if not Accredited)	B Grade, 1st Cycle,2 Date- EC(SC)_05_A Ambedkar Technolo	015,2.35 NAAC Executive &A_083 dated 3-3-2015-I gical University, Lonere-M	e Committee No. & Dr. Babasaheb faharashtra
Department Working Hours (if shift system mention details of both shifts & give reasons for shift system)  Regular Faculty  No. of Posts Sanctioned: 07  Working: 02  Working: 06	9	_	Yes		
No. of Posts Sanctioned: 07 Regular Faculty Working: 02 Working: 06	10		9.00 A.M. TO 6.00	P.M.	
	1	No. of Posts Sanctioned: 07	Regular Faculty Working: 02	Contract Faculty Working:06	Visiting Faculty:Nil

	ø	1e not available				Kes
	Recommendation/Suggestions by Academic Advisors	plan is available but records of implemetation not	competent plas		Records are vot up to the men	Hand copy of Same Should be ever labbe with
	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Ø	O		B	Ø
	Status (Give Details, not just Yes/No)	Annual department plan was prepared well before start of academic Year	Yes, Department Plan was prepared including different departmental activities	Displayed on department notice board	Department has separate Registers for department activity and department meetings	Yes
I-Department Profile	Item	Implementation of Annual Departmental Plan	Departmental Annual Curricular Plans	Whether the above two circulated among Students?	Department Activity Register during the academic year	Department Calendar/Department Magazine
I-Dep	Artes o	2	13	41	15	16

\*: Prepared for academic year 2017-18

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Record of some need the se mantained,	pecessed of Same need to be maintened.	Actual implementations	sadded mass.		Mady famed.
Ø	Q	В	A	Not Apphable	4
Yes, Faculty and student have undergone add on courses recommended by SWYAM & NPTEL	Yes, Faculty and students have planned for courses from NPTEL & SWYAM platform	Approximately 95%	Implemented as per guidelines by UGC/AICTE at First Year Engineering	Nii	Yes, It is maintained through Annual Progress record by individual Faculty and on university online attendance system
Add-on Courses (Department-wise) completed during previous year	Add-on Courses (Department-wise) during current academic year 2018-19	Coverage of Syllabus (Average Percentage)	Teaching of Humanities & Foundation Courses	No. of New UG & PG Courses introduced this year:	Maintenance of Student Attendance Registers
1.1	18	19	50	23	2

\*: Prepared for academic year 2017-18

Teaching Diaries & Teaching Plan and Course fless are maintained by Prescribed Formats in individual faculty members.  Different activities through Plans in individual faculty members.  Different activities through PESA (Petrochemical Engineering Student Activities Association) are conducted at department level) Association are occurred visabilities and Academic Competitions Participation in events Above)  Academic Competitions Participation in events participation in events aparticipation in events and participation in events and participation in events are participated by Institute like III, NII, MII and III, NII, MII and III, NII, MII and III, And I	ш	III-TEACHING, LEARNING & EVALUATION	G & EVALUATION		
Co-Curricular Activities Association activities through PESA (Petrochemical Engineering Student (Department level)  Co-Curricular Activities Association and Passociation and Present Competitions (University Level & Participation in verns participation in verns are participation in verns are participation in verns organized by Institute like Above)  Conduct of Internal faculty members. Mid test is conducted by the individual faculty members. Mid test is conducted by the examination department. Record of Continuous assessment is available.  Analysis analysis  Co-Curricular Activities Beson analysis analysis are result activities through the present analysis analysis are result are personal propertions. The properties of the present analysis are result are present a verns available analysis analysis are result are present activities analysis are result are present activities analysis are result are present analysis are result analysis are result analysis are result are present analysis are result are present analysis are analysis are analysis are analysis are analysis are are present are present are present are analysis are analysis are are are activities are are are present analysis are	23	Teaching Diaries & Teaching Plans in Prescribed Formats	Teaching Plan and Course files are maintained by individual faculty members.	Ø	Regiones
Academic Competitions Spatiation in events Above) TIT, NIT, MIT etc.  Conduct of Internal faculty members. Mid test is caraired out by the individual faculty and Pre final faculty and then combined  Subject wise result analysis  Teacher wise result	42	- 1000 C	Different activities through PESA (Petrochemical Engineering Student Association) are conducted at department level. (University Tech fest) Abhianta Vasant University Cultural event	Ø)	weeds enhancemed
Conduct of Internal faculty members. Mid test is carried out by the individual faculty members. Mid test is conducted by the examination department.  Record of Continuous assessment is available.  Analysis done by individual faculty and then combined together  Teacher wise result regether  Teacher wise result Yes, Record is available  Teacher wise result Yes, Record is available	25	Apple State	Yes, Cynosure, Avishkar & participation in events organized by Institute like IIT, NIT, MIT etc.	Ø	Records need to make the many
Subject wise result analysis  Teacher wise result analysis	79	COLUMN TO THE STATE OF THE STAT	Continuous assessment is carried out by the individual faculty members. Mid test is conducted by the examination department. Record of Continuous assessment is available.		Ruboro need to implemented for cont Asses.
Teacher wise result analysis	,	Subject wise result analysis	Analysis done by individual faculty and then combined together	*	At place
	28	Teacher wise result analysis	Yes, Record is available	A	Anni 1567 c

\*: Prepared for academic year 2017-18

				2/6	# f	
Regusses	At place			faculter overlance		Needs attention
C	*		47	714	44	2
*Earlier conducted under UGC and TEQIP-2 but not at present	At the every semester end feedback is collected, analyzed and informed to respective faculty. Record is available.	SULTANCY	° Z	Nil for Ph.D. program however all three regular teachers are guides for M.Tech Program in Chemical Engg. And partly in-Mechanical — Engg.	NA	Nai
Remedial Classes	Record of Evaluation of Teachers by Students	IV-RESEARCH AND CONSULTANCY	Is the Department a Recognized Research Centre	No. of Research Guides in the Department	No. of Research Scholars working for Masters & Ph. D	Major/Minor/Other Research Projects
29 1	30	IV-R	31	32	33	34

\*; Prepared for academic year 2017-18

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Feeulty meabors need the nooking peends one not another and	feconds one net not availabl	רענר		Regiones non	Espects wed
Q			8	O	0
1) Prof. S.S. Metkar and 2) Prof. A. D. Darekar.	Prof. Saudagar Dongare	Nil	Yes, Workshop by Shyam Kumbhar on Personality Development and Workshop on DWSIM by Prof. S. Dongare	No	Na Na
Research Papers Published in previous academic year (International/ National)	Papers Presented in previous academic year(International/ National/ State)	Books Published in previous Academic year (Single Author/ Co Author)	Seminars/Workshops/ Training Programme Conducted (International/ National/ State)	Record of Consultancy in previous academic year	Record of MoUs in previous academic year
35 20 1	36	37	38	33	4

\*: Prepared for academic year 2017-18

TTIES	are conducted are conducted by (Rushikesh Jadhav) ties students
XTENSION ACTIV	Subject/Department Related Extension Activities
	Subject/ D Related Es Activities

\*: Prepared for academic year 2017-18

	to start protestand	and chapm		Unwerry	Jan	
₹ Z	O		NA	0 67	N. A.	* Z
Maintained at University Level. Annual Activity Report 2017-18 is maintained by the department.	No	No X	Prof. Mrs. S.S. Metkar from Department represents at university level Mobile No. 8600172102	*Activity planned at University level	*Activity conducted at University Level Nature Club	Conducted through Nature club
NCC activity register	Name of the professional Club Coordinator & Mobile No.	Professional Club Activities	Name of the Women Empowerment Cell (WEC) Coordinator & Mobile No.	WEC Activities	Name of the Eco-Club Coordinator & Mobile No.	Eco- Club Activities
44	48	46	50	51	52	23

\*: Prepared for academic year 2017-18

							reed by
		Unwenty			Central		As per students feed no. of books overthebre one not suppresent.
•	47	XX	47		NA	, <del>*</del> 7	なる
	Shree. Suresh Lad Mobile No. 9975254439	Established at University level and Monitored Employ Society Departmental Store and Xerox facilities	Prof. Y.N. Patil coordinator for University Trekking club		S.P.Vaidya,94233382280	9.30 Am and 5.30 PM. on working days. The library hours are extended during the time of final examinations.	LIBMAN (Library Software) is used for circulation transaction. Library also runs book bank scheme sponsored by
	Name of the Consumer Club Coordinator & Mobile No.	Consumer Club Activities	Any other Club	IV-LEARNING RESOURCES	Name of the Librarian & Mob. No	Access timings of the Library	Circulation of Books among Students
	24 C	55	56	IV-L	57	28	59

\*: Prepared for academic year 2017-18

Availability of Previous greats 3 years question Availability of Previous greats 3 years question  Availability of Previous  years Question papers is prepared by every faculty  member.  Maintained by University Library The library is having open access.  Automation  Status of Library  Automation  The Library  Status of Library  Status of Library  Status of Library  Status of Library  Automation  The Library  Automation  The Library  Automation  The Library  Automation  The Library  The			the Govt. of Maharashtra. http://dbatulibraty/opac or http://172.16.5.238/opac) online public access cataloone is used		
Record of Visitors  Record of Visitors  Record of Visitors  Library. The library is having open access.  The library is partially computerized with the help of LiBMAN (Library Software). The circulation transaction, Barcode generation, No dues certificates, Reminder etc. work is carried out with the help of this software.  Lessons & e-Resources/  Record of Visitors  The library is partially  Computer sare subscribed and available online  Library has separate computer section around students in the Library with internet connectivity with internet connectivity	09	Availability of Previous years Question papers	Last 3 years question papers are available with course files for each course is prepared by every faculty member.	A	cas be moste ansituble at dept. lanel.
Status of Library Software). The circulation transaction, Barcode generation, No dues certificates, Reminder etc. work is carried out with the help of this software. help of this software.  Various Journals and e-Lessons & e-Resources are subscribed and available online Library has separate computer section around students in the Library with internet connectivity with internet connectivity	61	Record of Visitors	Maintained by University Library .The library is having open access.	A.A.	University
e-Lessons & e-Resources/ Resources are subscribed and available online  Library has separate computer section around students in the Library with internet connectivity  Various Journals and Arabaman Resources are subscribed and available online  Library has separate computers are available with internet connectivity  NAR  Anthrope Arith Synd	62	Status of Library Automation	The library is partially computerized with the help of LIBMAN (Library Software). The circulation transaction, Barcode generation, No dues certificates, Reminder etc. work is carried out with the help of this software.	47	Central 1.
Usage of Internet by computer section around students in the Library with internet connectivity	63	e-Lessons & e-Resources/ e-Journals	Various Journals and Resources are subscribed and available online	とて	
	49	Usage of Internet by students in the Library	Library has separate computer section around 20 computers are available with internet connectivity	NA	anth gnd bandwood

\*: Prepared for academic year 2017-18

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		Undi	3	Regulors to Strad pegistru surve		free true	sept.
	NA	なる	オン	47		N A	Y Y
for students for accessing online journals and e-books.	Dr.R.S.Pawade,8698559938	University is recognized as an ACTIVE Local Chapter. Edusat hall is used.	It is circulated by Dr.R. S. Pawade and Dr. S. L. Nalbalwar	Partially maintained at University Level by concerned coordinator	S	Dr.P.B.Lokhande, 8600674584	Record is maintained at university level
	Name of SWAYAM Coordinator & Mob. No	Status of SWAYAM facilities functioning	Whether SWAYAM schedule is circulated to the students	Maintenance of SWAYAM Viewers' Register	VII-Student Support Activities	Name of the Physical/Sports Director & Mob.No	Record of Physical Education/Sports Un
	65	66	<i>L</i> 9	89	VIII-	69	70

\*: Prepared for academic year 2017-18

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Keeped not ancitable	feend need to the manner	feered need	felload roled to have	Dept, Candrast to be nominated	placement ned to improve	
2		J	8	NA		
H						
Inter-Collegiate Sports Meet 2017-2018, Inter University Sports meet, Ransangram Inter departmental Sport Event. Dept students' Participation Record maintained. Detailed Record is maintained at university level.	List of winners from Petrochemical Department in Sports events is available. Detailed Record is maintained at university level.	Dept students' Participation Record maintained. Detailed Record is maintained at university level.	Dept students Participation Record is maintained.	Detailed Record is maintained at university level.	01 Student was placed through campus whereas 50% Students are placed by off campus placement at the end of December 2018	Prof. Ramsingh Thakur, 7077109878
Records of events conducted	Records of significant achievements in Sports & Games	Record of Cultural programmers conducted	Record of any other extra-curricular activities conducted	Maintenance of Placement Cell facilities & records	Record of Student trained and placed	Name of Career Guidance Cell
17 F	72	73	74	75	76	11

\*: Prepared for academic year 2017-18

		16			2
	great Gurdance gead need	Ocp. Less porm DRE. Require	Not planned		4 hums Hoosens
	J	V	U	4 Z	8
	GATE coaching was conducted.	TEV.	*Activity not planned	IQAC at University level is in place	Informal Alumni Association is placed at departmental level, and Alumni meet was
Coordinator & Mob.No	Record of activities Career Guidance	Departmental Review Committee (DRC) Coordinator & Mob. No.	Implementation of DRC Action Plan	IQAC activities & maintenance of records , (Action Plan/Minutes of Meeting/Proof of submission of AQAR to NAAC/Activity register etc)	Record of Support by Alumni Association
The same of the sa		III ( to a second of the secon			The second

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83 I	Record of Grievance Redressal Cell / Anti Ragging cell	Disciplinary committee and University Women Grievance cell are in place at department and University Respectively	47	( Umann)
84	Record of Anti Ragging cell	In placed at University level	ALA	
VIII-	 VIII-Basic Amenities			
82	Maintenance of drinking water	water coolers with adequate filtration facility are available	4	Gard Jacky
98	Maintenance of sanitation	Maintained by University	S	von unligewir
87	Rest room for women students	Available at University level on the ground floor	4	Anx 1(05) C
88	Greenery	Maintained at University Level by Estate section	¥	
89	Cleanliness	Maintained at University Level by Estate section	B	Need to Impro

$\Gamma$					
Should be should be swestebit	Regum		() miens m	y revel.	Regulars.
Ø	. B			J. MA	· C
University has its own dispensary	Canteen is available to students and faculties.	LEADERSHIP	Maintained at University level	Minutes of BoS is maintained by Chemical Engg. department	
Health Care Facility	Canteen	IX-GOVERNANCE AND LEADERSHIP	Management Committee Register	Functioning of Committees in Administration ( Minutes of meetings)	Awards/Achievements
90	91	IX-G	92	93	46

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1				
95	Faculty development initiatives if any	Prof. S. S. Metkar was permitted study leave of 1 year work at NCL, Pune Faculties encourage to attend workshop STDP's & FDP's	Ø	Need improvement. Records to be montessed
I - 3	X - IT INITIATIVES			
96	E-Class rooms ( Number & Usage)	LH001 is in Placed and in Used	*	Usage need to sneprove
97	Internet Centre	Leased Line from BSNL of 1Gbps Accessed through centralized facility (2 Servers ) at University level	V	Supposent bendustrath 73 mot ancilable peror connecting.
88	Computer labs (No. of labs & working systems)	15	8	Need the enhance misson of per mequity as pear mequity
				Softwar med to

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1 71	XI-Best Practices		X		
D. Pr.	Record of best/innovative practices by the Department	1) Induction Programmed of 1 week for new interns 2) Introduction of new subject (Product Design Engineering)		Regensies fragosvenst oud speed to	
THO K	Department Activity Register & Hard Copy of AQAR of previous year ( should be available with the Principal)	Available at department Level	B	Details Shold he manufared	
0,	Vans and		1. Respondent of Signatures of Academic Advisors	alta (mala mala mala mala mala mala mala ma	

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	Centre/SubCentre: Dr. BATU. Lonere - Campus	lual Faculty Member Datas	District:	Raigad	
1	Name of the College and Address	D. P.I. I.I.	Ambadias Technological U	niversity	
2	Name of the Faculty Member	Dr. Babasaheb Ambedkar Technological University			
	Name of the Subject taught during academic	P	Prof. Vasant P. Jawanjal  Chemical Engineering Thermodynamics - I Chemical Engineering  Thermodynamics -II		
3	year	Chemical Engineering	Thermodynamics -II	processing to the contract of	
	Date of Joining in Degree College/Date of	0.400	The state of the s	26/06/2027	
4	Joining in the present Institution	26/09/1993	Date of Retirement:	The second secon	
s.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/S uggestions by Academic Advisors	
		Curricular Aspects			
5	Annual Curricular plan	Yes - course schedule and evaluation made avialable at the beginning of semester	1 (2	Need over	
6	Curriculum enrichment / Value addition	Assignment made avialable	ß		
7	Whether conducting Add on Courses & role in conduct of course	No		An many and consistency are all great trajectory and training a constraint of the constraint from the constraint of the	
8	Feedback from students	Feed back collected at the semester end	Α	And the state of the continues of the figure and the state of the continues of the continue	
2453	9	Ceaching, Learning and Eva	luation		
9	Teaching Diary & Teaching Plan	Teaching plan and diary prepaed at the beginning	A		
10	Coverage of syllabus so far (%)	100	A		
11	Record of students attendance	Available	A		
12	Use of ICT - PPT & Audio-video Aids	Yes	B	More usay C	
13	Record of students assignments	Yes - avialable	β		
14	Record of field trips	No	B		
	Record of student seminars conducted	Yes	A		
16	Record of academic competitions conducted	Yes -Quiz was conducted	A		
17	if any (Quiz, Role play) Other Student centric learning Methods	Group presentaion	β		
17.	Other Student centile learning	Yes	В		
18	Record of Extension Lectures given	No	β		
19	Record of invited lectures arranged	Yes -Avialable	A		
20	Record of internal examinations and	Yes -Avanable		and the state of t	
21	University Exams  Pass percentage of University Exams / Semester in respective subject for the last	Yes -Avialable	A		
22	three years.(paper wise) Record of remedial classes conducted for	No	L.C.	Merd improven-	

S.No.	Activity	Status ( Give Details, not just Yes/No)	grade A(Good)/B( Satisfactory)/C (poor) after Observation	nggestion Academic Ad
	Re	search, Extension and cons	ultancy	A CONTRACTOR OF THE PARTY OF TH
23	Record of Research work (,Paper publication,	Nil	C	)
A Chamin	Book publication, Articles)	Yes avialable	β	more
24	Record of Student Projects Record of seminars / workshops attended /	the same and the stage of the same same and the same and the same same as the same as the same as the same	C	Lines
25	organized / Papers presented	Yes	В	(forms)
26	Record of extension work undertaken	Nil	C	Heeded
27	Record of MoUs, if any	Nil	C	And in case of the last of the
28	Record of Consultancy work	Nil	C.	A CONTRACTOR OF THE PARTY OF TH
7.	and the second control of the second control	frastructure and learning Re	SOUTCES	The same of the sa
29	Utilization of Departmental Library	iYes	-	
30	Availability of CDs, Videos	Yes		A consequence of the same
31	Virtual labs / Open Educational Resources	· · · · · · · · · · · · · · · · · · ·	B	Contraction in the Contraction i
• • • • • • • • • • • • • • • • • • • •	Development of any educational resource	No	C	The same of the sa
*********	cutational resource	No.	C.	
	Record of Activities 1	Student support and progre	ssion	And the second second second
32	Record of Activities conducted to contribute to the students' career opportunities	Yes	ß	A CONTRACTOR OF THE PARTY OF TH
33	Mentoring / Counselling to students for curricular and co-curricular activities	Yes	ß	Art Art Language And Davis Communication of the Com
34	Newspaper clippings or other materials as additional resource	Nil	C	7 Heed
	Any Student team project for Technology Development	No	<u>C</u> .	10
the sections	D	Governance and Leaders	Later and many and an analysis of the same and the same a	) lubu
35	Record of additional administrative responsibilities performed	The same of the sa		
36	Record of innovative practices	Yes	ß	The state of the s
37	Any outstanding contribution	Nil	And the second s	******************************
38	Whether above (related activity)	Can' Say	And the same of th	White the print we seek a selected at 10th 10th
		Yes	A COMMISSION BURNISH STREET, NAME OF TAXABLE STREET, S	The same of the sa
39	Maintenance of Departmental Activities		β	
	Check Departmental Documentation (shou	Yes	Because the second of the seco	Andrew State (State Control of State Con
40	1. Dept. Time Table 2. Faculty-wise Annual Curricular Plans 3. Facultywise wise Teaching Diary & Plans 4. Departmental Activity Register along with documentary Evidences 5. Faculty wise API formats along with Evidences	Avialable		
	Signature of the Faculty member		Maray +	The second secon

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### Dr. Babasaheb Ambedkar Technological University Academic Audit of Petrochemical Engineering Department Individual Faculty Member Datasheet

Centre/SubCentre: Dr. BATU-

1	Name of the College and Address	Dr Rabacabab	Ambedkar Technological U	Iniversity
2	Name of the Faculty Member	The state of the s	Sonali Mangesh Mhatre	
3	Name of the Subject taught during academic year 2017-18		Reaction Engineering I and	l II,
4	Date of Joining in Degree	17/07/2013	Date of Retirement:	31/05/1938
S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Su ggestions by Academic Advisors
		Curricular Aspe	cts	and the second s
5	Annual Curricular plan	Yes (attached sheet in course file)	В	The second secon
6	Curriculum enrichment / Value addition	Yes	В	Heed
7	Whether conducting Add on Courses & role in conduct of course	No	В	المار المار
8	Feedback from students	Yes, at term end	A	
-		Teaching, Learning and	Evaluation	
9	Teaching Diary & Teaching Plan	Yes, attached with course file	A	
10	Coverage of syllabus so far (%)	90 to 95 %	A	
11	Record of students attendance	Yes, attached with course file	A	
12	Use of ICT - PPT & Audio-video Aids	Yes, attached with course file	A	
13	Record of students assignments	Yes, attached with course file	ß	Need to mits
14	Record of field trips	No	<u> </u>	LICER DO INTITIO
15	Record of student seminars	Yes, attached with course file	В	
16	Record of academic competitions conducted if any (Quiz, Role play)	No	C	CONTRACTOR
17	Other Student centric learning	Use of moodle and web pages		mortene
18	Record of Extension Lectures given	No	<u>C</u>	
time to desire	Record of invited lectures arranged	No		17
19	Record of internal examinations	Yes, attached with course file	β	
20	and University Exams	Yes Available	P	
21	Exams / Semester in respective Record of remedial classes	No	C	

		Long	sultancy	makana galkanaka ayan katalan banasa ing
	and the second s	Research, Extension and cons	and the state of t	and the conditional of the condi
	and the state of t	go ward transmission and a large of a state of the state	C	10.00
	Record of Research work (,Paper publication, Book publication,	No	B	
2	Articles)	Yes	a provide the state of the stat	
2	Record of Student Projects  Record of seminars / workshops	and the state of t	B	
2	attended / organized / Papers	Yes	C	7
	Record of extension work	No	and the state of t	
20	undertaken	No	Company of the second of the s	
2	A company who was a company or co		The state of the s	1 -
28	Record of Consultancy work	Infrastructure and learning R	esources	\$ 00 mm m m m m m m m m m m m m m m m m
	1711	Conne books	B	
29	The second secon	NPTEL lectures disk is	8	African community is the
. 30	Availability of CDs, Videos	available Yes, shown you tube videos	Annual mention of the second s	
31	Virtual labs / Open Educational Resources (OERs)	for some theory(attached record)	В	
	Development of any educational resource	All video links and notes made available on my webpage www.sonalimmhatre.wordpre ss.com	A	
	and the second s	Student support and progr	ession	
4 (111 0 (1)))	Record of Activities conducted to	1	THE RESERVE AND DESCRIPTION OF THE PROPERTY AND THE PROPE	
32	contribute to the students' career opportunities	No	C	12
33	Mentoring / Counselling to students for curricular and co- curricular activities	Yes	B	
34	materials as additional resource	Yes, Youtube videos	β	
	Any Student team project for Technology Development	No	C	and the second s
	A. 1 CAN 10 - 22 14 A 1	Governance and Leader	rshin	
35	Record of additional administrative responsibilities performed		A	-
36	Record of innovative practices	The second secon		and the second
37	Any outstanding contribution	the state of the s	C	7
	Whether above( related activities	A TO SHALL SHOW THE S	C	1
38	)entered in into Departmental Activities Register	Yes	B	1 mm
39	Maintenance of Departmental Activities Register	Yes	т В	

40	Check Departmental Documentation ( should be available with I/c of dept.)  1. Dept. Time Table 2. Faculty-wise Annual Curricular Plans 3. Facultywise wise Teaching Diary & Plans 4. Departmental Activity Register along with documentary Evidences 5. Faculty wise API formats along with Evidences	Yes	B
	Signature of the Faculty member		Signature of the Head of Department

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### Dr. Babasaheb Ambedkar Technological University

### Academic Audit of Petrochemical Engineering Department

135	Campus		the best section of the section of t			
1	Name of the College and Address	Dr. Babasaheb Ambedkar Technological University				
	Name of the Faculty Member	Prof. Ms. Sh	nital Mahadev Sakpa	1		
4	Name of the Subject taught during academic year	Petrochemical Processes-I, Electiv				
4	Date of Joining in Degree College/Date of Joining in the present Institution	ord July, 2017	Date of Retirement:	NA		
.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/S uggestions by Academic Advisors		
100		Curricular Aspects				
5	Annual Curricular plan	Yes - course schedule and evaluation made avialable at the beginning of semester				
6	Curriculum enrichment / Value addition	Assignment made avialable	ß			
7	Whether conducting Add on Courses & role in conduct of course	No	С	Need remain		
8	Feedback from students	Feed back collected at the semester end	Α			
result velto (p. 10)	Т	eaching, Learning and Evaluation	on			
9	Teaching Diary & Teaching Plan	Teaching plan and diary prepaed a the beginning	A			
10	Coverage of syllabus so far (%)	90	_ A			
11	Record of students attendance	Available	A			
	The state of the s	Yes	β			
12	Use of ICT - PPT & Audio-video Aids	Yes - avialable	β			
13	Record of students assignments	No				
14	Record of field trips	Yes	В			
15 16	Record of student seminars conducted Record of academic competitions conducted	No	C	Need to		
10	if any (Oniz Role play)	No	C	add more do.		
17	Other Student centric learning Methods	No	C	metods.		
18	Record of Extension Lectures given	No	C			
19	Record of invited lectures arranged Record of internal examinations and	Yes -Avialable	A			
20	University Exams  Pass percentage of University Exams / Semester in respective subject for the last	Yes Avialable	A			
22	three years.(paper wise)  Record of remedial classes conducted for slovenses.	v No				

S.No.	Activity	Status (Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendate uggestions Academic Adv
	Re	search, Extension and consultan	cy	
23	Record of Research work (Paper publication		C	
-	DOOK publication, Articles)	Nil	β	
24	Record of Student Projects	Yes avialable		
25	Record of seminars / workshops attended / organized /Papers presented	Yes	B	
26	Record of extension work undertaken	Nil	C	Nerd
27	Record of MoUs, if any	Nil	C	( improve
28	Record of Consultancy work	Nil		)
		rastructure and learning Resour	ces	
29	Utilization of Departmental Library	AND THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERS	8	
30	Availability of CDs, Videos	Yes	c	1
31	Virtual labs / Open Educational Resources	No		- more
	Development of any educational resource	No		Involves
	i	No	<u></u>	
32	Record of Activities conducted to contribute	Student support and progression		
32	to the students' career opportunities	No	C	
33	Mentoring / Counselling to students for curricular and co-curricular activities	No	C	1
34	Newspaper clippings or other materials as			40 INP
	additional resource	Nil	C	1 to IND
	Any Student team project for Technology Development	No	C	
-	was the control of th	Governance and Leadership	and the second s	
35	Record of additional administrative	The state of the s		
36	responsibilities performed	No	C	1) Need
37	Record of innovative practices	Nil	The second secon	1 1 may
	Any outstanding contribution	Can' Say	- Commence of the second secon	1 10
38	Whether above( related activities )entered in into Departmental Activities Register	Yes	C C	J
39	Maintenance of Departmental Activities	<b>↓</b>	B	3
-	1 Test Annual Control of the Control	Yes		
40	Check Departmental Documentation ( should be available with I/c of dept.)  1. Dept. Time Table  2. Faculty-wise Annual Curricular Plans  3. Facultywise wise Teaching Diary & Plans  4. Departmental Activity Register along with documentary Evidences  5. Faculty wise API formats along with Evidences	Avialable	B	
	Signature of the Faculty member		Vano Signature of the	jl

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	Centre/SubCentre: Dr. BATU. Lonere -Campus	al Faculty Member Da	District	
1	Name of the College and Address	Department of Patro	abamical Engineering, I	OBATU, Lonere Raigad
2	Name of the Faculty Member	Department of Petro	Darekar Ashitosh Da	attatray
3	Name of the Subject taught during	Prot.	s & Project Managemer	ot Green Technology
4	Date of Joining in Degree College/Date of Joining in the present Institution	7/3/2017	Date of Retirement:	NA NA
	or Present Hisutation		Impression of Academic Advisor	Recommendation/Sugg
S.No.	Activity	Status ( Give Details, not just Yes/No)	along with grade A(Good)/B( Satisfactory)/C (poor) after	estions by Academic Advisors
		Curricular Aspec		
		Yes - course schedule	1	
5	Annual Curricular plan	and internal assesment made avialable at the beginning of semester	β	
6	Curriculum enrichment / Value addition	Assignment made avialable	В	
7	Whether conducting Add on Courses & role in conduct of course	No	C	Meeg
8	Feedback from students	Feed back collected a the semester end	A	
	T	eaching, Learning and	Evaluation	
9	Teaching Diary & Teaching Plan	Teaching plan and Notes prepaid at the beginning	Α	
	G	90	A	
10	Coverage of syllabus so far (%)	Yes, available	Α	
11	Record of students attendance	Yes	A	
12	Use of ICT - PPT & Audio-video Aids	Yes - avialable	<u> </u>	
13	Record of students assignments	No	C	
14	Record of field trips	Yes	A	
15	Record of student seminars conducted Record of academic competitions (Onin Role play)	Yes -Quiz was conducted	A	
16	and outed if any (Ouiz, Role Park	Group presentaion	β	1) Need worth
17	Other Student centric learning Methods	Yes	<u>β</u>	1 mbsg
18	Regard of Extension Lectures given	No	<u>B</u>	
19	- i c: itad lectures arrange	Yes -Avialable	Α	
20	Record of internal examinations and University Exams  Pass percentage of University Exams / Pass percentage of University Exams /	PEPM: 93.87%, GT:	Α	
21	Semester in respective	100% No	C	- 1
22	three years (paper wise)  Record of remedial classes conducted for slow learners			

	S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after	Recommendation/S estions by Acaden Advisors
			search, Extension and c	onsultancy	parage constraints of transport and account of the second
		Res	search, Extension		The same of the sa
		P d. CP		C	
	23	Record of Research work (,Paper publication, Book publication, Articles)	Nil	B	The state of the s
	24		Yes avialable	and the state of t	and the second s
		Accord of Student Projects	And the Control of th	B	
	25	Record of seminars / workshops attended / organized / Papers presented	Yes	and the second section is a second section of the second section of the second section is a second section of	Samuel Commence of the Commenc
	2	And the same way to be suffered as the base of the bas	Nil	C	J four ded
	26 27	Accord of extension work undertaken	Nil	C	fooded
	28	Record of MoUs, if any	Nil	C	P H
		Record of Consultancy work	rastructure and learning	Resources	
	20	The state of the s	and the state of t	8	
Y	29 30	Utilization of Departmental Library	Yes using	C	
		Availability of CDs,Videos Virtual labs / Open Educational	No	C	
	31	Resources (OERs)	No	-	
		Development of any educational resource	No	C	
		4	Student support and pro	ogression	Mecd mre four.
		Record of Activities conducted to	and the state of the first the state of the		1 ane
	32	contribute to the students' career	No	C	1 hus
		opportunities			for
	- 33	Mentoring / Counselling to students for curricular and co-curricular activities	No	C	1
	34	Newspaper clippings or other materials as	Nil	l c	
		additional resource Any Student team project for Technology	The second secon		***************************************
		Development	No	<u> </u>	
			Governance and Lead	dership	
	35	Record of additional administrative	No	C	
		responsibilities performed			The same and the s
	36	Record of innovative practices  Any outstanding contribution	Nil	C	
	37	The second secon	Can't Say		
	38	Whether above( related activities )entered in into Departmental Activities Register	Yes	β	
	39	Maintenance of Departmental Activities Register	Yes	β	
	40	Check Departmental Documentation ( should be available with I/c of dept.)  1. Dept. Time Table  2. Faculty-wise Annual Curricular Plans  3. Facultywise wise Teaching Diary & Plans  4. Departmental Activity Register along with documentary Evidences  5. Faculty wise API formats along with Evidences	Avialable	β	
		Signature of the Faculty member		Vfare	Head of Departmen
Yanila	Line	Commence and the second	X and	Signature of the	Head of Depart

### Dr. Babasaheb Ambedkar Technological University

### Academic Audit of Petrochemical Engineering Deaprtment

	Centre/SubCentre: Dr. BATU Lonere -		District:	Raigad
	Name of the College and Address	Dr. Babasa	heb Ambedkar Technolog	ical University
	Name of the Faculty Member	Pro	f. Ms. Sanghamitra U. Pu	ırnekar
	Name of the Subject taught during academic year	Energy and Er	nvironmental Engg. & Indu	strial Management
	Dogree College / Date of	3/7/2017	Date of Retirement:	NA
No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Sugges tions by Academic Advisors
-		Curricular Asp	ects	
5	Annual Curricular plan	Yes	8	The same and the s
6	Curriculum enrichment / Value addition	Yes	В	
7	Whether conducting Add on Courses & role in conduct of course	No	C	Need improve
8	Feedback from students	Feed back collected at the semester end	A	
0.707-67		Teaching, Learning an	d Evaluation	
9	Teaching Diary & Teaching Plan	Teaching plan and diary prepaed at the beginning	Α	
10	Coverage of syllabus so far (%)	90	A	and the second second contract to the second
10	Record of students attendance	Available	A	
11	Use of ICT - PPT & Audio-video Aids	Yes	A	AND
12	The state of the s	Yes - avialable	8	
13	Record of students assignments	Yes	B. Company of the Com	
14	Record of field trips	Yes	β	
15	Record of student seminars conducted Record of academic competitions	Yes -Quiz was conducted	B	
17	Other Student centric learning Methods	Yes-Group Presentatio	n B	
-	The state of the s	Yes	A STATE OF THE PARTY OF THE PAR	was a second sec
18	A COLUMN TO LA COLUMN TO THE PARTY OF THE PA	Yes	A second	
19	Record of invited lectures arranged  Record of internal examinations and	Yes -Avialable	Α	
	University Exams  Pass percentage of University Exams /		C	Heed   Fraprovement
21	Semester in respective subject for the methods	AND DELL'AND	C	- I frop
22	-ducted 101	No	1	

s.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Su tions by Academi Advisors
	R	esearch, Extension an	d consultancy	
	where the state of the control of the state	Nil	C	
23	publication, Book publication, Articles)	and the second state of th	A second second section of Second section and the second section as the s	The second secon
24		Yes avialable	the second secon	-
25	Record of seminars / workshops attended / organized /Papers presented	Yes	β	
26	Record of extension work undertaken	Nil	C	Heed
27	Record of MoUs, if any	Nil	C	1 to impart
28	Record of Consultancy work	Nil	C	)
	The state of the s	nfrastructure and learn	ing Resources	and the second s
29	Utilization of Departmental Library	Yes	<b>3</b>	The second secon
30	Availability of CDs,Videos	Yes	β	and the second of the second o
31	Virtual labs / Open Educational Resources (OERs)		C	A CONTRACTOR OF THE PROPERTY O
ne bereger a	Development of any educational resource	No	C	
		Student support and	progression	where the same that the same t
32	Record of Activities conducted to contribute to the students' career opportunities	Yes	ß	1 more
33	Mentoring / Counselling to students for curricular and co-curricular activities	Yes	β	attalation as needs
34	Newspaper clippings or other materials as additional resource  Any Student team project for Technology	Nil	С	1 s ne
	Development Development	No	С	
	Record of additional administrative	Governance and L	eadership	
35	responsibilities performed Record of innovative practices	Yes	В	
37	Any outstanding contribution	Nil	and the second s	
	Whether above( related activities )entered	Can' Say		-
38	in into Departmental Activities Register  Maintenance of Departmental Activities	Yes	В	
39	Register Check Departmental Documentation (	Yes	B	
40	should be available with I/c of dept.)  1. Dept. Time Table  2. Faculty-wise Annual Curricular Plans  3. Facultywise wise Teaching Diary & Plans  4. Departmental Activity Register along with documentary Evidences  5. Faculty wise API formats along with Evidences	Avialable	β	
	Signature of the Faculty member		Vana	Head of Departmen

9-2.19 Page 1 of 1

	Centre/SubCentre: Dr. BATU. Lonere -Campus	27 Georgia production and delicate and an analysis of the second and the second a	District	Raigad
	of the College and Address	Dr. Babasaheb	Ambedkar Technological	University
	Name of the Faculty Member		f. Saudagar B. Dongare	The state of the s
	Name of the Subject taught during	Inorganic Chemical Techno		eering-I, Petrochemical
	Date of Joining in Degree College/Date of Joining in the present Institution	7/4/2017	Date of Retirement:	NA
	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Sugg estions by Academic Advisors
1	The second secon	Curricular Aspect	S	
	Annual Curricular plan	Yes - course schedule and evaluation made avialable at the beginning of semester	β	
	Curriculum enrichment / Value	Assignment made avialable	В	
	Whether conducting Add on Courses & role in conduct of course	No	C.	
17/64	Feedback from students	Feed back collected at the semester end	<b>1</b> )	
	and the second section of the section of the second section of the section of the second section of the second section of the second section of the sect	Teaching, Learning and E	valuation	T skill in
	Teaching Diary & Teaching Plan	Teaching plan and diary prepaed at the beginning	Α	
	The second secon	100	A	
	Coverage of syllabus so far (%)	Available	Α	
	Record of students attendance	A STATE OF THE PROPERTY OF THE PARTY OF THE	Α	
	Use of ICT - PPT & Audio-video Aids	Tes	Α	
	Record of students assignments	Yes - avialable	B	
-	Record of field trips	No	В	
	Record of student seminars conducted	Yes	В	
-	Record of academic competitions	Yes -Quiz was conducted		128 min 128 mi
-	conducted if any (Quiz, Role play)	Group presentaion	В	
-	Other Student centric learning	Yes	B	
	Record of Extension Lectures given	No	A	
	Record of invited lectures arranged	Control of State Control of the Cont	A	- I want to the same of the sa
	Record of internal examinations and University Exams	Yes -Avialable	A	
4	Pass percentage of University Exams / Semester in respective subject for the last three years.(paper wise)	Yes Avialable	C	
-	Record of remedial classes conducted for slow learners	No	Lance the same of	

S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/St estions by Acadeni Advisors
	The second secon	Research, Extension and co	onsultancy	-
23	Record of Research work (,Paper	Company of the compan	C	
	publication, Book publication, Articles)	Nil	and the second s	A CONTRACTOR OF
24	Record of Student Projects	Yes avialable	Language of the same of the sa	
25	Record of seminars / workshops attended / organized / Papers	Yes	B	
26	Record of .	Nil	C	
27	Record of MoUs, if any	Nil	C	
28	Record of Consultancy work	Nil	C	
		Infrastructure and learning	Annual Control of the	A commence of the second
29	Utilization of Departmental Library			
30	Availability of CDs, Videos	Yes	B	
31	Virtual labs / Open Educational	Yes	<u>B</u>	
7	Development of any educational	No No	<u>C</u>	
-	,		I was a second to propose of the second seco	
32	Record of Activities conducted to	Student support and pro	gression	And the second s
32	contribute to the students' career	Yes	β	
33	Mentoring / Counselling to students	T	The state of the s	the second state of the se
·	for curricular and co-curricular	Yes	β	
34	Newspaper clippings or other materials as additional resource	Nil		-
	Any Student team project for			
	Technology Development	No	C	
- vention	And the second s	Governance and Leade	Prohin	A CONTRACT OF THE PARTY OF THE
35	Record of additional administrative	The state of the s		
26	responsibilities performed	Yes	B	
36	Record of innovative practices	Nil	C	
-	Any outstanding contribution	Can' Say		
38	Whether above( related activities )entered in into Departmental	Yes	Q	
39	Maintenance of Departmental	The first fi	β	
	The second secon	Yes	B	
40   3   1   2   2   3   3   3   3   3   3   3   3	Check Departmental Documentation ( should be available with I/c of dept.)  1. Dept. Time Table  2. Faculty-wise Annual Curricular  Plans  3. Facultywise wise Teaching Diary &  Plans  4. Departmental Activity Register  along with documentary Evidences  5. Faculty wise API formats along  with Evidences	Avialable	B	
	Signature of the Faculty member		Farsar	Head of Department

Individual Faculty Member Datasheet Centre/SubCentre: Dr. BATU. Lonere .

	Centre/SubCentre: Dr. BATU. Loner Campus	e -	District	Raigad
1	Name of the College and Address	10 13 1	mbedkar Technological Ui	niversity
-2	Name of the Faculty Member			
	Name of the Subject taught during	Prof. I	Ramansingh V. Takur	ining, Nanotechnology
3	academic year	Prof. I Process Dynamics and Control, and Chemist	Advanced Petroleum Redrocarl ry of Petroleum Hydrocarl	bon
4	Date of Joining in Degree College/Date Joining in the present Institution	of 3/7/2017	Date of Retirement:	NA
s.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/S uggestions by Academic Advisors
		Curricular Aspects	J	The second secon
5	Annual Curricular plan	Yes - course schedule and evaluation made avialable at the beginning of semester	β	
ó	Curriculum enrichment / Value addition	Assignment made avialable	В	Annual regions are single and decrease a special facilities on high and an income of
	Whether conducting Add on Courses &	No	C	The second section of the section of the second section of the section of
7	role in conduct of course	Feed back collected at the	A	
8	Feedback from students	semester end	and the second s	CANADA - Party (1996 in State of Assessment) in the Canada
. K.F.		Teaching, Learning and Evalua	ation	The second secon
	S. Teaching Plan	Teaching plan and diary prepaed at the beginning	A	
9	Teaching Diary & Teaching Plan	at the began of	A	
	C. Habreso far (%)	100	A	
10	Coverage of syllabus so far (%)	Available	A	
11	Record of students attendance	Yes	A	
12	Use of ICT - PPT & Audio-video Aids	Yes - avialable	C	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
13	Record of students assignments	No	THE RESERVE ASSESSMENT AND RESERVE ASSESSMENT ASSESSMEN	The second secon
14	n 1 Chald trips	Yes	8	
	n 1 - Candent seminars conducted	Yes -Quiz was conducted	β	
16	Record of academic competitions  Record of academic competitions  (Ouiz Role play)		β	The state of the s
10	conducted if any (Quiz, Role play)	Group presentation	β	
	a i contric learning	Yes	C	
	n i CT-tangion Lecture	No	A CONTRACTOR OF THE PROPERTY O	
	Record of Extension 2  Record of invited lectures arranged  Record of internal examinations and	Yes -Avialable	Α	The second secon
	University Exams	Yes avialable	A	
21 5	Semester in respective	and the second s	C	The state of the s
22	three years (paper wise) Record of remedial classes conducted for slow learners	No	garden australen ern en mynnesteret des im Erste het nette kallen. Steregalensetten byte foren	akan manan sa manan s

S.No	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation by Academic Advis
	to the second section of the second section is the second section of the second section of the s	Research, Extension and consu	ltancy	
23	Record of Research work (,Paper		C	
	publication, Book publication, Articles)	Nil	β	
24	Record of Student Projects	Yes avialable	B	
25	Record of seminars / workshops attended / organized / Papers presented	Yes	the state of the s	and decrees the same and a the same of the
26	Record of extension work undertaken	Nil		No. of the last of
27	Record of MoUs, if any	Nil	<u>C</u>	the same of the sa
28	Record of Consultancy work	Nil	the section of the se	and the same of th
de de l	The second secon	Infrastructure and learning Reso	urces	er see are and a second
29	Utilization of Departmental Library	Yes	the second secon	Control of the contro
- 30	Availability of CDs, Videos	Yes		-
31	Virtual labs / Open Educational	No		
010 10 10 10 10	Development of any educational resource	No	- more a market and a market an	
1		Student support and progressi	011	***
32	Record of Activities conducted to contribute to the students' career	Yes	B.	
33	Mentoring / Counselling to students for curricular and co-curricular activities	Yes	B	
34	Newspaper clippings or other materials as additional resource	Nil	and the second distribution were the second distribution and distribution and distribution and distribution and di	
	Any Student team project for Technology Development	No	<u> </u>	
		Governance and Leadership	and the region of the control of the	Marine and the same of the sam
35	Record of additional administrative responsibilities performed	Yes	B	
36	Record of innovative practices	Nil	C	
37	Any outstanding contribution	Can' Say		
38	Whether above( related activities )entered in into Departmental Activities Register	Yes	β	
39	Maintenance of Departmental Activities	Yes	ß	18-11-23
40	Plans 4. Departmental Activity Register along with documentary Evidences 5. Faculty wise API formats along with Evidences	Avialable	B	
and the second of the second o	Signature of the Faculty member		Varanty Signature of the Head	P

Academic Audit of Department of Petrochemical Engineering Dr. Babasaheb Ambedkar Technological University

### Student Strength Particulars 2017 - 18

DBATU, Lonere Zone:

District: Raigad

9/2/2019

Name of the University:

Dr. Babasaheb Ambedkar Technological University, Lonere, Department of Petrochemical Engineering

Date of Audit:

	EH (F)	1	:		1
	PH (M)	-	1	1	
	OBC (F)	6	S	∞	01
	OBC (M)	22	<u>s</u>	22	61
	NT/DT (F)	,	ı	ı	2
ADMITTED STRENGTH	NT/DT (M)	9	9	7	7
TED S	ST (F)	1	1	:	ı
ADMIT	ST (M)	-	1	3	
	SC (F)	2	2	9	3
	SC (M)	∞	\$	Ξ	9
	TOTAL SC (M) SC (F) ST (M) ST (F)	09	62	84	11
	Total Female	7	13	81	21
	Total Male	53	49	99	50
	SANCTIONED	60 + 3	63 + 15	63 + 15	63 + 15
	YEAR	1	Ш	H	N
	COMBINATION	Petrochemical	Petrochemical	Petrochemical	Petrochemical
	GROUP	ÜĞ	UG	UG	DO
	Sr No	1	6	r.	7

Apelesha Dhadue

P. R. Karamkele

## Dr. Babasaheb Ambedkar Technological University

# Academic Audit of Department of Petrochemical Engineering

### Action Taken Report by Head of the Department

		DJ-I	I-COLLEGE PROFILE	
1	1		Department of Petrochemical Engineering , Dr., BATU- Lonere Campus	ring ,DrBATU- Lonere Campus
2			Prof. V.P. Jawanjal, vpjawanjal@dbatu.ac.in, 9423890578	adbatu.ac.in, 9423890578
3	Name of the Vice-Principal, email & Mob. No.		Not applicable	3h le
4			Dr.I. N. Singh Insingh (Alberta 2013)	11. 20 in 8087360025
5		The state of the s	1989, Yes	11.d.d.l.l., 0001.30702.3
9	NBA accreditation	Not at present	Twice in past i.e in ye	
7	NAAC Grade with Cycle, Accredited Year & CGPA (if not Accredited Status of Preparations)	part no the or the other country or an analysis of	e, First cycle 2015.2.35 NAAC executive committee no and date - EC(SC)_05_A&dated 3-3-2015 Dr Babasaheb Ambedkar Technological University Lonere Raigad	B grade, First cycle 2015.2.35 NAAC executive committee no and date - EC(SC)_05_A&A_083 dated 3-3-2015 Dr Babasaheb Ambedkar Technological University Lonere Raigad
8	UGC Recognition (2F & 12 B)		Yes	
6	College Working Hours( if shift system mention details of both shifts & give reasons for shift system)	The state of the s	9am -6 pm	
10	No. of Posts Sanctioned:07	Regular Working: 03	Contract Working: 06	Nil
11	Course wise & Year wise Students strength particulars ( Proforma enclosed & to be submitted along with AAR)		Copy attached.	
2		II-CURR	-CURRICULAR ASPECTS	
	Item	Recor A(Go	Recommendation/Suggestions by Academic Advisors A(Good)/B(Satisfactory)/C (poor) after observation	Action Token by the Holl
		Grade	Recommendation	Toron Tayon by me 110D
1	Implementation of Annual Institutional Plan	В	Plan was there, record wsa not there	18-19 record will be maintained
2	2 Departmental Annual Curricular Plans	U	Curricular plan need to be prepared	For 18-19 it is prepared
			The state of the s	C manufacture of the second

Page 1 of 7

during  B Reocrd of certificated needto be maintained  B Reocrd of certificated needto be maintained  A A Added in academics  Syear:  A A Added in academics  A A Added in academics  B Requires improvement  M B Records not avialable  B Records not avialable  A Rubrics needs tobe implemented for  C Requires attention  C Requires attention  IV-RESEARCH AND CONSULTANCY		College Activity Register 2017-18	В	Prepared but records not avialable	maintained
during  B Reocrd of certificated needto be maintained A Added in academics  Syear: A Added in academics  A III-TEACHING, LEARNING & EVALUATION  mats B Requires improvement B Records not avialable  A Rubrics needs tobe implemented for continuous assesment  A A  Rubrics attention  C Requires attention  C Requires attention  NA  A  A  Rubrics A  A  A  A  Rubrics attention  C Requires attention  A  A  A  A  A  A  A  A  A  A  A  A  A	-	Departmental Activity Registers ( Dept. Wise)	В	Avialable	Maintained
B Record of certificated needto be maintained annual plan annual plan  is year:  A Added in academics  III-TEACHING, LEARNING & EVALUATION  otmats  B Requires improvement  B Needs enhancement  evel)  B Records not avialable  A Rubrics needs tobe implemented for continuous assessment  A A  Rubrics attention  ts (  A  Requires attention  IN-RESEARCH AND CONSULTANCY	1 61	Add-on Courses (Department-wise) completed during 2016-17	В	Reocrd of certificated needto be maintained	
urses A Added in academics this year: NA III-TEACHING, LEARNING & EVALUATION Formats B Requires improvement B Needs enhancement C level) B Records not avialable A Rubrics needs tobe implemented for continuous assesment A A A A A A A A A A A A A A A A A A A	7	dd-on Courses (Department-wise) in 2017-18	В	Reocrd of certificated needto be maintained	
year:  A  III-TEACHING, LEARNING & EVALUATION  mats  B  Requires improvement  B  Needs enhancement  B  Records not avialable  continuous assesment  A  Rubrics needs tobe implemented for continuous assesment  A  C  Requires attention  C  Requires attention  C  NA  IV-RESEARCH AND CONSULTANCY	0	overage of Syllabus (Average Percentage)	В	Actual implementaion tobe linked with annual plan	Will be corrected for 18-19
EACHING, LEARNING & EVALUATION  B Requires improvement B Needs enhancement B Records not avialable A Rubrics needs tobe implemented for continuous assesment A C Requires attention A A A A A A A A A A A A A A A A A A A	H	eaching of Humanities & Foundation Courses	F	Added in academics	
students A III-TEACHING, LEARNING & EVALUATION cribed Formats B Requires improvement vel) B Needs enhancement Above level) B Records not avialable continuous assessment A C Requires attention C Requires attention C Requires A A A A A A A A A A A A A A Continuous assessment A A A A A A A A A A A A A A A A A A A	4	No. of New UG & PG Courses introduced this year:	NA		
III-TEACHING, LEARNING & EVALUATION  ormats B Requires improvement B Needs enhancement  evel) B Records not avialable  A Rubrics needs tobe implemented for continuous assesment  A  C Requires attention  ts (  A  IV-RESEARCH AND CONSULTANCY	7	Maintenance of Student Attendance Registers	Y		ed annual state. In case, we see Assembly the state of any state of the state of the state of the state of the
ormats  B Requires improvement  B Needs enhancement  evel)  B Records not avialable  A Rubrics needs tobe implemented for continuous assesment  A  C Requires attention  Its (  A  TV-RESEARCH AND CONSULTANCY	and the same	reedback forms on Curriculum from students	Y		e de la companya del companya de la companya del companya de la co
ormats  B Requires improvement  B Needs enhancement  evel)  B Records not avialable  A Rubrics needs tobe implemented for continuous assesment  A  C Requires attention  IX-RESEARCH AND CONSULTANCY  NA		III-TEA(	CHING,	LEARNING & EVALUATION	The second secon
evel)  B Records not avialable  A Rubrics needs tobe implemented for continuous assesment  A  C Requires attention  IV-RESEARCH AND CONSULTANCY		Teaching Diaries & Plans in the Prescribed Formats	В	Requires improvement	Will be done for 18-10
evel)  A Rubrics needs tobe implemented for continuous assessment  A  C Requires attention  IV-RESEARCH AND CONSULTANCY		Co-Curricular Activities (College Level)	В		Steps will be taken
A Rubrics needs tobe implemented for continuous assesment  A A C Requires attention  IV-RESEARCH AND CONSULTANCY		Academic Competitions ( College & Above level)	В		will be updated for 17-18 and maintained for 18-19
A C Requires attention Its ( A IV-RESEARCH AND CONSULTANCY	and the same and	Conduct of Internal Examinations	Ą		Existing processes will be redefined
A C Requires attention  Is ( A IV-RESEARCH AND CONSULTANCY		Subject wise result analysis	Y Y		
ts (  A  IV-RESEARCH AND CONSULTANCY  NA	10 March 10	Teacher wise result analysis	A		
IV-RESEARCH AND CONSULTANCY	***	Remedial Classes	C	And the second s	Point nored
		Record of Evaluation of Teachers by Students ( Monthly from July)	Y		
		IV-R	RESEARC	H AND CONSULTANCY	And the second s
e lane	more to	Is the College a Recognized Research Centre	NA		

Lamp

4	No. of Research Guides in the College	NA	cueren Filtz Protessors are not engine for guiding student	
7-1	No. of Research Scholars working for Masters & Ph. D	NA		
4	Major/Minor/Other Research Projects	U	Needs attaintion	Steps will be taken
5	Research Papers Published in previous academic year ( International /National )	В	Records not avialable in department	will be corrected for 17-18
9	Papers Presented in previous academic year ( International /National/ State )	C	Records not avialable in department	will be corrected for 17-18
7	Books Published in previous academic year(Single Author/ Co Author)	NA		faculty will be asked to genrate e content
8	Seminars/Workshops/ Training Programme Conducted in previous academic year(International/National/State)	В		
6	Record of Consultancy in previous academic year	C	Requires more efforts	Point noted and will be arrended
01	Record of MOUs in previous academic year	C	Requires more efforts	Will be done for 18-10
		71-EXTE	VI-EXTENSION ACTIVITIES	
-	Record of Subject/Department Related Extension Activities	В	Requires more efforts	Point noted
2	Name of the NSS PO & Mobile No.	NA		
3	NSS Attendance register	NA		
4	NSS activity register	NA		
2	Name of the NCC ANO & Mobile No.	NA		
9	NCC Attendance register	NA		
1	NCC activity register	NA		
00	Name of the Professional Club Coordinator & Mobile No.	U	Requires more efforts	Point noted for 2019 10
6	Professional Club Activities	C	Requires more efforts	D.:
10	Name of the Women Empowerment Cell(WEC) Coordinator & Mobile No.	NA		Foint noted for 2018-19
11	WEC Activities	NA		

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13	Eco- Club Activities	Ϋ́Z		
#	Name of the Consumer Club Coordinator & Mobile No.	Y.Z.		
15	Consumer Club Activities	NA		
16	Any other Club	U	Requires more efforts	Point noted for 2018-19
		IV-LEAR	IV-LEARNING RESOURCE	
-	Name of the Librarian & Mob.No	NA		
7	Access timings of the Library	NA	Address, or a consistence of a constitution of a	
3	Circulation of Books among Students	NA A	As per feedback from students ,avialabilty of Steps will be taken to chenge the books are lesser in library	E Steps will be taken to chenge the scenerio
4	Availability of Previous years Question papers	В	not avialable at department level	will be made avialable
10	Record of Visitors	NA		A CONTRACTOR OF THE CONTRACTOR
9	Status of Library Automation	NA		
7	e- Resources & e-Journals	U	Need to be generated	Effots will be taken through alumni support to improve the scenerio
00	Name of SWAYAM Coordinator & Mob.No	NA		
6	Usage of Internet by students in the Library	В	Internet avialabilty is a very big issue	point will be communicated to respective authority
10	Status of SWAYAM facilities functioning	NA		
1	Whether SWAYAM schedule is circulated to the students	NA		
12	Maintenance of SWAYAM Viewers' Register	NA		
		VII-Stu	VII-Student Support Activities	and the second second
1	Name of Physical Director & Mob.No	NA		
	2 Record of Physical Education Department	NA		
	Records of events conducted and significant achievements in Sports & Games	O	Data for Department needs to be maintained	Record will be updated for 17-18 and will be maintained for 08-19

	Record of cultural programmes conducted	U	Records need to be maintained	will be maintained for 18-19
5	Record of any other extra-curricular activities conducted	U	Records need to be maintained	Record will be updated for 17-18 and will be maintained for 18-19
	Maintenance of placement facilities & records	NA	Department person tobe nominated for placement	point noted
	Record of Students trained in different verticals			
00	Record of Student trained and placed	U	Placement need to be improved	Special Efforts will be taken
6	Name of Career Guidance Coordinator and Mob.No	NA		
10	Record of activities Career Guidance and placement cell	NA		
	Name of Dept Review Committee Coordinator & Mob.	O	Department has to form DRC	will be formed for 18-19
13	4	O		
1	-	Z		
13	Plan/Minutes of Meeting/ submission of AQAR to			Point noted and will be attended
14	Record of Support by Alumni Association	g	Alumni association neces coo es	
		NA		
15		The same of the same		6
14	16 Mentoring / Counselling System			7-6-7-

		will be repvenorted to estate section plus personal attention will be gi			will be conevyed to university authority	will be communicated to canteen				Point noted	Point noted.	-	Will be communicated to higher	Will be communicated to higher authority	Will be dne by June 19		Point noted	will be corrected for 18-19
VIII-Basic Amenities	Good Facility	Very unhygenic and urgent maintainance required			Round o clock dedicated person needed	canteen requires improvement	IX-GOVERNANCE AND LEADERSHIP			Requires efforts	requires improvements and records to be maintained	X - IT INITIATIVES	Number to be added	Center is avialable .Sufficient Bandwidth not avialabilty. Poor connectivity	No of computers needs to be increased and all softwares are pyreted .Licence copy required	XI-Best Practices	Requires improvement. Records need to be maintained	Details of minutes and meeting to be recorted
VIII-B	A (	O	Ą	Ą	В	B	VERNAN	NA	NA	ပ	В	X - IT	A	U	В	XII-	В	В
	Maintenance of drinking water	Maintenance of Sanitation	Rest room for women students	Greenery & Cleanliness	Health Care Facility	Canteen		Management Committee Register	Functioning of Committees in Administration (Minutes of Meetings)	Awards/Achievements	Faculty development initiatives if any		e-class rooms (Number & Usage)	Internet Centre	Computer labs (No. of labs & working systems)		Record of best/innovative practices by the institution	College Activity Register & Hard Copy of AQAR previous academic year (should be available with the Principal)
1	Z	Σ	R	4	5 1			1	2	3	4		-	2	6		<b>—</b>	77

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3 Signature of the Head of Department 3 Over All Impression on the College

## Dr. Babasaheb Ambedkar Technological University

Academic Audit of Petrochemical Engineering Department Format for submission of Academic Advisors Report (AAR) Name of The Department:-Petrochemical Engineering

No.	Item	Grade *	Impression
1	Conduct of Classes	A	
2	Co-Curricular Activities & Extra-Curricular Activities	В	
3	College Activity Register	多人	A
4	Departmental Activity Registers	В	
5	Discipline in the campus	13	
6	IQAC	NA	
7	Placement	С	
8	Departmental research	C	
9	Career Guidance Cell	C	
10	SWAYAM facilities	NA	
11	Library	NA	
12	Research & Laboratories	B	
13	Games & Sports	B	

09.021°

Respectively

s.No	Item	Grade *	Towns
14	Humanities and Foundation Courses	A	Impression
15	Teacher Evaluation by Students	A	
16	Maintenance of Registers	B	
17	Teaching Diaries & Plans	B	
18	NCC / NSS	NA	
19	Women Empowerment Cell	NA	
20	Professional Club	C	
21	Sanitation & drinking water	В	
22	Cleanliness	B	
23	Functioning of Teachers	A	
24	Over All Impression on the College	B	
25	Any Other importan	nt Observation	

\* A(Good)/B( Satisfactory)/C (poor)

Signatures of Academic Advisors

1 Responsig P. R. Karanselt

2

09-02.2019 (S.V. Tara) (Car)

## Academic Audit Summary Sheet: Petrochemical Engineering Department

Institution: Dr. BabasahebAmbedkar Technological University Lonere -Raigad

Program Title(s): B.Tech. in Petrochemical Engineering Academic Audit Status: Present one 2017-18 (09/02/2019)

First Academic Audit14-15 & 15-16 (16/11/2016) Second Academic Audit16-17 (31/07/2017)

Each undergraduate program undergoes either an academic audit or external peer review.

The criteria used to evaluate a program appear in the following "Academic Audit Summary Sheet' have been selected based on the Academic Audit Focal Areas to be consistent with the spirit and process of the Academic Audit.

A check-mark should be placed in the appropriate box to indicate whether a program has "met" or "not met" each criterion in the table. If the % is less than 50% of the target value then the program has not met the objective of the Program.

If a particular criterion is inappropriate or not applicable to the program, the criterion should be marked "NA"

When combined with the self-study and the written report prepared by the visiting team, the Summary Sheet will facilitate institutional development of a program action plan to ensure continuous quality improvement.

#### AUDIT TEAM

Name Prof. Suyog V Taralkar

Name Shri Parag Karambele

Title Associate Professor

MIT

Institution: Academy of Engineering

Title: Senior Manger

**Industry: Excel Industries Roha** 

Signature Date

Signature Rees See 25/02/2019
Date P.R.-Moransolo

### Academic Audit Summary Sheet

Institution/University Department: Petrochemical Engineering

Program Title: B.Tech in Petrochemical Engineering

Degree Level: Undergraduate Program

Academic Audit Status: current 2017-18 (09/02/2019) First Academic Audit 2014-15& 2015-16 (0n 16/11/2016)

Second Academic Audit 2016-17 (31/07/2017)

### **Evaluation Results**

5 7 45		Met/not met	% achieved
1	LEARNING OBJECTIVES AND RESOURCES		
1.1	learning objectives of the program	met	654
1.2	The Faculty member has shared his course file with the students of the class through Intranet/ Social media or any other means	pot met	30%
1.3	The faculty member documented specific benchmarks of his course to account for learning objectives	not met	251.
2.	CURRICULUM AND CO-CURRICULUM	1	
2.1	The faculty member collaborated with other faculty members for effective design, sequence of courses and delivery of course for improvements and documented these efforts appropriately	met	601.
2.2	The faculty member documented a plan for analyzing the course content in terms of achieving program objectives.	Not met	25%
2.3	The faculty member documented a plan for review of curriculum and co-curriculum comparing those with the best practices elsewhere or in best institutes	wet met	30%
3	TEACHING AND LEARNING PROCESSES		
3.1	The faculty member analyzed his/her own methods for improving teaching and learning throughout the program and practiced them.	met	75.0.
3.2	The faculty member developed and promoted effective instructional methods, other than lecturing, so that student achieve the learning objectives.	met	604.
	The faculty member developed materials for achieving student mastery of learning objectives.	mpt	65.1.
.0	STUDENT LEARNING ASSESSMENT		
.1	The Faculty member has announced the method of continuous assessment at the beginning of the course and followed it throughout.	met	65-1.
2	The faculty member developed techniques, other than written test, for the student learning assessments to improve the program.	met	761.
3	The faculty member has documented assessments of student learning	met	60%
4	The faculty member has developed measurable indicators of student learning success	Not Net	201.

4.5	The faculty member has developed and documented a continuous improvement plan that incorporates multiple measures to assess student learning and program effectiveness.	wit not	38%
4.6	The Student has put in his/her own efforts in the learning process from resources outside the Institute.	MPT	75-1
4.7	The students are challenged enough to use their knowledge creatively	met	60-1
5.0	QUALITY ASSURANCE		
5.1	There is an existing process in the Institute to understand the parameters of quality of teaching and learning processes	met	65-1
5.2	There is an initiative to understand the parameters of quality of teaching and learning processes, if not existing.	mot	22.
5.3	There is commitment to making continuous quality improvements in the program a top priority	met	60-1
5.4	The performance of students in Internal Assessment and University Examinations is comparable.	mpt	70.1
5.5	There is sufficient feedback obtained from stakeholders in development of academic processes in the College.	Met	65-
5.6	There is sufficient evidence of attempts to understand the industries/ Society's need in delivery of appropriate course content to the students	Not	40
	OVERALL ASSESSMENT		
6	The Academic Audit process was Faculty driven.	mpt	650
6.1	The Academic Audit process (self-study and visit) included descriptions of the program's quality processes including all	MPt	55.
6.3	five focal areas.  The Audit resulted in a candid description of weaknesses in program processes and suggestions for improvements.	mpt	75-1
6.4	There is openness and thoroughness of the faculty members	mrt	804
6.5	The Academic Audit process included involvement of disciplination of the inputs from stakeholder groups identified by the program's	ne+	857
_	- OF DDEVIOUS AUDII		
7 7.1	An action plan was developed as a result of the previous	Not mit	30-1
7.2	There is documented evidence that recommendations made by the previous Academic Audit Team have been considered and, when feasible and appropriate, implemented and	not mit	25.
7.3	There is documented evidence that the program has been implemented and tracked the progress of and use of results from improvement initiatives cited by the faculty its self-study.	wet wet	30.
8		2 11 9	3-200
8.1	The program regularly evaluates its library, equipment and facilities, encouraging necessary improvements within the	MPT	661
8.2	context of overall college resources.  The program's operating budget is consistent with the needs of the program.	met	55.

8.3	The program has a history of enrolment rates sufficient to sustain high quality and cost-effectiveness.	met	601
8.4	The program has a history of graduation rate sufficient to sustain the quality of the program.	met	654.
8.5	The program has a history of placement rate sufficient to sustain high quality of program outcome.	ret ret	25.1.
8.6	The Program has a history of generating support from industries and alumni to sustain itself.	wet not	25-1

# Department of Petrochemical Engineering Academic Audit Report 2018-19

## Table of Content

Sr. No.	Title
01	Department Data
02	Academic Audit Faculty Data Sheet
03	Student Strength Particulars
04	Action Taken Report
05	Academic Auditors Report
06	Academic Advisors Report
07	Academic Audit Summery Sheet

	Dr. Babasaheb Ambe	THE RESIDENCE OF THE PARTY OF T	THE RESERVE OF THE PARTY OF THE	6 1
	Academic Audit of Depart			
Nan	Department Data Petrochemica ne of the University Department:-Petrochemical Eng	I Engineering Dep		
I-Der	partment Profile	ineering	Peri	iod of Audit: 2018 - 15
1	Name of the University Department, Website, email and Ph.No.		trochemical Engineering u.ac.in, 9423890578	z, www.dbatu.ac.in,
2	Name of the HoD, email & Mob.No	Prof. V.P.Jawanja	l vpjawanjal@dbatu.ac.i	in, 9423890578
3	Name of the Vice-Principal, if any, email & Mob. No.	NA	21, 200	
4	Name of the IQAC Coordinator, email & Mob. No.	Dr. L. N. Singh,ln	singh@dbatu.ac.in ,808	7369025
5	Year of Establishment & own land if any	1989, Yes		
7	NBA accreditation of courses	Not at Present, acc	redited twice in the past	t i.e.,2003-06,2007-12
8	NAAC Grade with Cycle, Accredited Year & CGPA (Status of preparation if not Accredited)	Date- EC(SC)_05	e,2015,2.35 NAAC Exec A&A _083 dated 3-3-2 logical University, Lone	
9	UGC Recognition (2F & 12 B)	Yes		* 1
10	Department Working Hours( if shift system mention details of both shifts & give reasons for shift system)	9.00 A.M. TO 6.0	0 P.M.	1.0
11	No. of Posts Sanctioned: 07	Regular Faculty Working: 03 on study leave	Contract Faculty Working:07	Visiting Faculty:Nil

<sup>\*:</sup> Prepared for academic year 2018-19

I-D	epartment Profile			
	Item	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Suggestions by Academic Advisors
12	Implementation of Annual Departmental Plan	Annual department plan was prepared well before start of academic Year	В	Plan is available
13	Departmental Annual Curricular Plans	Yes, Department Plan was prepared including different departmental activies	В	Plan needs to be more exhaustive
14	Whether the above two circulated among Students?	Displayed on department notice board	В	Details are displayed from time to time
15	Department Activity Register during the academic year	Department has separate Registers for department activity and department meetings	A	
16	Department Calendar/Department Magazine	Yes	В	Soft copy mailed to individual faculty

<sup>\*:</sup> Prepared for academic year 2018-19

The o	EACHING, DEDUNK	Z DYALIGATERA		Miles West Charles and Control
xi .	Add-on Courses (Department-wise) completed during previous year	Yes, Faculty and student have undergone add on courses recommended by SWYAM & NPTEL	В	More motivation for participation and record of the same should be maintained
18	Add-on Courses (Department-wise) during current academic year 2018-19	Yes, Faculty and students have planned for courses from NPTEL & SWYAM platform	*	Record is available
19	Coverage of Syllabus (Average Percentage)	Approximately 95%	A	Actual implementation needs tobe in line withplan.
20	Teaching of Humanities & Foundation Courses	Implemented as per guidelines by UGC/AICTE at First Year Engineering	٨	Present in curriculum
21	No. of New UG & PG Courses introduced this year:	Nil	,	
22	Maintenance of Student Attendance Registers	Yes, It is maintained through Annual Progress record by individual Faculty.	^	Maintained

<sup>\*:</sup> Prepared for academic year 2018-19

23	Teaching Diaries & Teaching Plans in Prescribed Formats	Teaching Plan and Course files are maintained by individual faculty members.	В	Requires improvement
24	Co-Curricular Activities (Department level)	Different activities through PESA (Petrochemical Engineering Student Association) are conducted at department level. (University Tech fest) Abhianta Vasant University Cultural event	В	Needs enhancement
25	Academic Competitions (University Level & Above)	Yes, Cynosure, Avishkar & participation in events organized by Institute like IIT, NIT, MIT etc.	В	Records are available
26	Conduct of Internal Examinations-Unit, Half-Yearly and Pre final	Continuous assessment is carried out by the individual faculty members. Mid test is conducted by the examination department. Record of Continuous assessment is available.	A	Rubrics needs tobe implemented For constant assessment
27	Subject wise result analysis	Analysis done by individual faculty and then combined together	1 confire	Available in APR of individual Faculty
28	Teacher wise result	Yes, Record is available	A	Available

<sup>\*:</sup> Prepared for academic year 2018-19

		Salar Andrew Process		
29	Remedial Classes	*Earlier conducted under UGC and TEQIP-2 but not at present	у, в	Tutorials are conducted
30	Record of Evaluation of Teachers by Students	At the every semester end feedback is collected, analyzed and informed to respective faculty. Record is available.	٨	In place
rv-	RESEARCH AND CON	SULTANCY		
31	Is the Department a Recognized Research Centre	No.		
32	No. of Research Guides in the Department	Nil for Phd programme however all three regular teachers are guides for M.Tech Programme in Chemical Engg. And partly in Mechanical Engg.	NA .	Faculty is not eligible according to new rules
33	No. of Research Scholars working for Masters & Ph. D	NA		_
34	Major/Minor/Other Research Projects	Nil	c	Needs attentaion

<sup>\*:</sup> Prepared for academic year 2018-19

7	Research Papers			
5	Published in previous academic year (International/ National)	1) Prof. S.S. Metkar and	В	Improvement is necessary
5	Papers Presented in previous academic year(International/ National/ State)	Nil	c c	Needs improvement
7	Books Published in previous Academic year ( Single Author/ Co Author)	Nil	c	
8	Seminars/Workshops/ Training Programme Conducted (International/ National/ State)	Yes, Workshop AUTOCAD by Prof Nande and Workshop on Personality Development by Prof. Darekar	В	-
9	Record of Consultancy in previous academic year	No taken	c	Require more efforts
0	Record of MoUs in previous academic year	Nil	ć	Efforts needs to be put in

<sup>\*:</sup> Prepared for academic year 2018-19

1-1	XTENSION ACTIVITIES			
41	Record of Subject/Department Related Extension Activities	Few extension activities are conducted by students	В	Needs to be streamlined
42	Name of the NSS PO & Mobile No.	H. N. Warahtkar, 9403316374	NA	
43	NSS Attendance register	Maintained at University Level	NA .	Record available at University level
44	NSS Activity register	Maintained at University Level	NA NA	Record available at University level
45	Name of the NCC ANO & Mobile No.	M. P. Bhagat, 7588265601	NA	
46	NCC Attendance register	Maintained at University Level	NA	Record available at University leve

<sup>\*:</sup> Prepared for academic year 2018-19

47		Maintained at University Level. Annual Activity Report 2017-18 is maintained by the department.	NA	
48	Name of the professional Club Coordinator & Mobile No.	No No	с	Need to start professional body chapter
49	Professional Club Activities	No.	c	
50	Name of the Women Empowerment Cell (WEC) Coordinator & Mobile No.	Prof. Mrs. S.S. Metkar from Department represents at university level Mobile No. 8600172102	NA PER NA	
51	WEC Activities	*Activity planned at University level	NA	د د
52	Name of the Eco-Club Coordinator & Mobile No.	*Activity conducted at University Level Nature Club	NA	
53	Eco- Club Activities	Conducted through Nature club	NA	

<sup>\*:</sup> Prepared for academic year 2018-19

54	Name of the Consumer Club Coordinator & Mobile No.	Shree. Suresh Lad Mobile No. 9975254439	NA NA	
55	Consumer Club Activities	Established at University level and Monitored Employ Society Departmental Store and Xerox facilities	NA NA	
56	Any other Club	Prof. Y.N. Patil coordinator for University Trekking club	NA NA	
IV-	LEARNING RESOURCES	s		
57	Name of the Librarian & Mob.No	S.P.Vaidya,94233382280	NA	
58	Access timings of the Library	9.30 Am and 5.30 PM. on working days. The library hours are extended during the time of final examinations.	NA	
59	Circulation of Books among Students	LIBMAN (Library Software) is used for circulation transaction. Library also runs book bank scheme sponsored by	NA NA	No of books needs tobe added through Book bank

<sup>\*:</sup> Prepared for academic year 2018-19

		the Govt. of Maharashtra. http://dbatulibrary/opac or http://172.16.5.238/opac) online public access catalogue is used.		
60	Availability of Previous years Question papers		Α	***
61	Record of Visitors	Maintained by University Library .The library is having open access.	NA .	Record available at University level
62	Status of Library Automation	The library is partially computerized with the help of LIBMAN (Library Software). The circulation transaction, Barcode generation, No dues certificates, Reminder etc. work is carried out with the help of this software.	NA	Record available at University level
63	e-Lessons & e-Resources/ e-Journals	Various Journals and Resources are subscribed and available online	NA	Record available at University level
64	Usage of Internet by students in the Library	Library has separate computer section around 20 computers are available with internet connectivity for students for accessing online journals and e-books.	Na	Record available at University level

<sup>\*:</sup> Prepared for academic year 2018-19

65	Name of SWAYAM Coordinator & Mob. No	Dr.R.S.Pawade,8698559938	NA	
66	Status of SWAYAM facilities functioning	University is recognized as an ACTIVE Local Chapter. EduSat hall is used.	NA	Record available at University leve
67	Whether SWAYAM schedule is circulated to the students	It is circulated by Dr.R. S. Pawade and Dr. S .L. Nalbalwar	NA .	Record available at University level
68	Maintenance of SWAYAM Viewers' Register	Partially maintained at University Level by concerned coordinator	NA NA	Motivation is needed to students to register for SWAYAM platform
VII	Student Support Activity	ies		
69	Name of the Physical/Sports Director & Mob.No	Dr.P.B.Lokhande, 8600674584	NA	
70	Record of Physical Education/Sports Department	Record is maintained at university level	NA	Department level in-charge to be appointed
71	Records of events conducted	Inter-Collegiate Sports Meet 2018-2019, Inter University Sports meet, Ransangram Inter	В	

<sup>\*:</sup> Prepared for academic year 2018-19

		departmental Sport Event. Dept students' Participation Record maintained. Detailed Record is maintained at university level.		
72	Records of significant achievements in Sports & Games	List of winners from Petrochemical Department in Sports events is available. Detailed Record is maintained at university level.	С	Record needs to be maintained
73	Record of Cultural programmers conducted	Dept students' Participation Record maintained. Detailed Record is maintained at university level.	В	Record needs to be maintained
74	Record of any other extra-curricular activities conducted	Dept students Conducted NOVATRICKS event in CYNOSURE-2019 ,	Α	1,20
75	Maintenance of Placement Cell facilities & records	Detailed Record is maintained at university level.	В	Department faculty coordinator needs to be appointed
76	Record of Student trained and placed	05 Student was placed through campus whereas 50% Students are placed by off campus placement at the end of December 2018	В	Needs improvement
77	Name of Career Guidance Cell Coordinator & Mob.No	Prof. Metkar S.S.	_	

<sup>\*:</sup> Prepared for academic year 2018-19

78	Record of activities Career Guidance	GATE coaching was conducted.	c	Record needs to be maintained
79	Departmental Review Committee (DRC) Coordinator & Mob. No.	Nil	c	Review committee has tobe formed on urgent basis
80	Implementation of DRC Action Plan	*Activity not planned	c	Not planned
81	IQAC activities & maintenance of records , (Action Plan/Minutes of Meeting/Proof of submission of AQAR to NAAC/Activity register etc)	IQAC at University level is in place	NA	Record available at University level
82	Record of Support by Alumni Association	Informal Alumini Association 5 is placed at departmental level and Alumini meet was conducted in 20 Feb 2019	В	Needs to be registered
83	Record of Grievance Redressal Cell / Anti Ragging cell	Disciplinary committee and University Women Grievance cell are in place at department and University Respectively	NA	

<sup>\*:</sup> Prepared for academic year 2018-19

84	Record of Anti Ragging cell	In placed at University level	NA NA	
VII	I-Basic Amenities			16 N. 15 S.
85	Maintenance of drinking water	water coolers with adequate filtration facility are available	Α	
86	Maintenance of sanitation	Maintained by University	В	
87	Rest room for women students	Available at University level on the ground floor	*	
88	Greenery	Maintained at University Level by Estate section	Α	The state of the s
89	Cleanliness	Maintained at University Level by Estate section	В	
90	Health Care Facility	University has its own dispensary	Ă	

<sup>\*:</sup> Prepared for academic year 2018-19

01	Canteen	Canteen is available to students and faculties.	A	
X-C	GOVERNANCE AND I	LEADERSHIP		
92	Management Committee Register	Maintained at University level	NA	Record available at University level
93	Functioning of Committees in Administration ( Minutes of meetings)	Minutes of BoS is maintained by Chemical Engg. department	NA NA	Record available with Chemical Engineering Department.
94	Awards/Achievements		c	Requires efforts
95	Faculty development initiatives if any	Faculties encourage to attend workshop STDP's & FDP's	В	Record availlable

<sup>\*:</sup> Prepared for academic year 2018-19

X - I	T INITIATIVES			
96	E-Class rooms ( Number & Usage)	LH001 is in Placed and in Used	A.	More usage needed
97	Internet Centre	Leased Line from BSNL of 1Gbps Accessed through centralized facility (2 Servers ) at University level	c // //	Needs improvement
98	Computer labs (No. of labs & working systems)	15- %	В	Number needs to improve
XI-E	Best Practices	gy-lin-		
99	Record of best/innovative practices by the Department	Induction     Programmed of three     week for new interns     Introduction of new		

<sup>\*:</sup> Prepared for academic year 2018-19

		subject (Product Design Engineering)	A COLUMN OF THE PROPERTY OF TH	No.
100	Department Activity Register & Hard Copy of AQAR of previous year (should be available with the Principal)	Available at department Level	В	_
	Variang 1 20/11/20 Signature of the HoL	19	s AUTSMULTON, 20.11-2010, 20.11-19 Signatures of Academic Advisors	

\*: Prepared for academic year 2018-19

## Dr. Babasaheb Ambedkar Technological University Academic Audit of Engineering Colleges

### Format - II ( To be filled individually by Faculty Member)

			 	 •••J
Centre/SubCentre: Dr. BATU. Lonere	-			

	Campus		District:	Raigad				
1	Name of the College and Address	Department of Petrochemical Engineering ,DBATU, Lonere Raigad						
2	Name of the Faculty Member	Vasant P. Jawanjal						
3	Name of the Subject taught during academic year 2018-19	Chemical Process Calculation , Chemical Engineering Thermodynamics - II, Petrochemical Engineering -II, Chemical Engineering Thermodynamics -II						
4	Date of Joining in Degree College/Date of Joining in the present Institution	26/09/1993	Date of Retirement:	26/06/2027				
S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Suggestions by Academic Advisors				
		Curricular Asp	pects					
5	Annual Curricular plan	Yes - course schedule and evaluation made avialable at the beginning of semester	A					
6	Curriculum enrichment / Value addition	Assignment made avialable	β					
7	Whether conducting Add on Courses & role in conduct of course	No	С					
8	Feedback from students	feed back collected at the semester end	A					
		Teaching, Learning and	d Evaluation					
9	Teaching Diary & Teaching Plan	Teaching plan and diary prepaed at the beginning	β					
10	Coverage of syllabus so far (%)	100	A					
11	Record of students attendance	available	A					
12	Use of ICT - PPT & Audio-video Aids	Yes	β					
13	Record of students assignments	Yes - avialable	B					
14	Record of field trips	No Page 1 of 4						

S.No.	Activity	Status ( Give Details, not just Yes/No)	Improtion of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Suggestions by Academic Advisors
15	Record of student seminars conducted	Yes	A	
16	Record of academic competitions conducted if any (Quiz, Role play)	Yes -Quiz was conducted	В	
17	Other Student centric learning Methods	No	C	
18	Record of Extension Lectures given	Yes	β	
19	Record of invited lectures arranged	No	- 410200	
20	Record of internal examinations and University Exams	Yes -Avialable	A	
21	Pass percentage of University Exams / Semester in respective subject for the last three years.(paper wise)	Yes- Available in APR	A	
22	Record of remedial classes conducted for slow learners	No	-	
		Research, Extension an	d consultancy	
23	Record of Research work (,Paper publication, Book publication, Articles)	Nil	C	
24	Record of Student Projects	Yes avialable	A	
25	Record of seminars / workshops attended / organized /Papers presented	Yes	A	
26	Record of extension work undertaken	Nil		
27	Record of MoUs, if any	Nil	C	
28	Record of Consultancy work	Nil	C	
		Infrastructure and lear	ning Resources	
29	Utilization of Departmental Library	Yes	В	
30	Availability of CDs, Videos	Yes	β	
31	Virtual labs / Open Educational Resources (OERs)	No	-	
	Development of any educational resource	No	C	
		Student support and	progression	

S.No.	Activity	Status ( Give Details, not just Yes/No)	Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Suggestion by Academic Advisors
32	Record of Activities conducted to contribute to the students' career opportunities	Yes	B	
33	Mentoring / Counselling to students for curricular and co-curricular activities	Yes	В	
34	Newspaper clippings or other materials as additional resource	Nil	-	
	Any Student team project for Technology Development	No '	-	
970	THE STATE OF THE PARTY OF THE P	Governance and L	eadership	
35	Record of additional administrative responsibilities performed	Yes	A	
36	Record of innovative practices	Nil	C	
37	Any outstanding contribution	Can' Say		
38	Whether above( related activities )entered in into Departmental Activities Register	Yes	A	
39	Maintenance of Departmental Activities Register	Yes	A	
40	Check Departmental Documentation ( should be available with I/c of dept.)  1. Dept. Time Table  2. Faculty-wise Annual Curricular Plans  3. Facultywise wise Teaching Diary & Plans  4. Departmental Activity Register along with documentary Evidences  5. Faculty wise API formats along with Evidences		В	
		Page 3 of 4		

S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Suggestions by Academic Advisors
	Signature of the Faculty member		Signa	Jaroay ture of the Head of Department
	Note: the Format is to be filled by all the faculty and certified by the Principal and submitted to the Academic Audit Team.			
			AtiAsolu 20112	019 019
			201	na

# Dr. Babasaheb Ambedkar Technological University Academic Audit of Engineering Colleges Format - II ( To be filled individually by Faculty Member)

	Centre/SubCentre:	Dbatu, Lonere	District:	Raigad			
1	Name of the College and Address	Dr. Babasaheb Ambedkar Technological University					
2	Name of the Faculty Member	Mr. METKAR SANGEETA SIDRAM					
3	Name of the Subject taught during academic year 2018-19	CRE-I, TP, MO, CRE-II					
4	Date of Joining in Degree College/Date of Joining in the present Institution	5/8/2005	Date of Retirement:	31/8/2038			
S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B(	Recommendation/Suggestions by Academic Advisors			
		Curricular Asp	pects				
5	Annual Curricular plan	attached					
6	Curriculum enrichment / Value addition	attached					
7	Whether conducting Add on Courses & role in conduct of course	yes					
8	Feedback from students	yes					
		Teaching, Learning ar	nd Evaluation				
9	Teaching Diary & Teaching Plan	yes, attached					
10	Coverage of syllabus so far (%)	100%					
11	Record of students attendance	yes					
12	Use of ICT - PPT & Audio-video Aids	yes					
13	Record of students assignments	yes					

S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with orade A(Good)/B(	Recommendation/Suggestions by Academic Advisors
14	Record of field trips	yes		
15	Record of student seminars conducted	yes		
16	Record of academic competitions conducted if any (Quiz, Role play)	yes		
17	Other Student centric learning Methods	NA		
18	Record of Extension Lectures given	NA		
19	Record of invited lectures arranged	yes		
20	Record of internal examinations and University Exams	yes, attached		
21	Pass percentage of University Exams / Semester in respective subject for the last three years.(paper wise)	yes		
22	Record of remedial classes conducted for slow learners	NA		
		Research, Extension an	d consultancy	
23	Record of Research work (Paper publication, Book publication, Articles)	Yes		
24	Record of Student Projects	Yes		
25	Record of seminars / workshops attended / organized /Papers presented	Yes		
26	Record of extension work undertaken	no		
27	Record of MoUs, if any	NA		THE REPORT OF THE PARTY OF THE
28	Record of Consultancy work	no		
		Infrastructure and learn	ing Resources	
29	Utilization of Departmental Library	yes	I CANAL CONTRACTOR	
	Availability of CDs,Videos	yes		
-31	Virtual labs / Open Educational Resources (OERs)	yes		

Page 2 of 4

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S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B(	Recommendation/Suggestions by Academic Advisors
	Development of any educational resource	NA		
		Student support and	progression	
32	Record of Activities conducted to contribute to the students' career opportunities	yes		
33	Mentoring / Counselling to students for curricular and co-curricular activities	yes		
34	Newspaper clippings or other materials as additional resource	yes		
	Any Student team project for Technology Development	no		
	MA THE SUBSTITUTE OF THE STREET	Governance and Le	adership	
35	Record of additional administrative responsibilities performed	yes, attached		
36	Record of innovative practices	yes		
37	Any outstanding contribution	nil		
38	Whether above( related activities )entered in into Departmental Activities Register	yes		
39	Maintenance of Departmental Activities Register	yes		

S.No.	Activity	Status ( Give Details, not just Yes/No)	Advisor along with prade A(Good)/B(	Recommendation/Suggestions by Academic Advisors
40	Check Departmental Documentation (should be available with I/c of dept.)  1. Dept. Time Table  2. Faculty-wise Annual Curricular Plans  3. Facultywise wise Teaching Diary & Plans  4. Departmental Activity Register along with documentary Evidences  5. Faculty wise API formats along with Evidences	yes		0
	Signature of the Faculty member			Signature of the Hol
	Note: the Format is to be filled by all the faculty and certified by the Principal and submitted to the Academic Audit Team.			

	Dr. 1	Sabasaheb Ambedkar Tech		
		Academic Audit of Engine	cering Colleges	
		- II ( To be filled individua	lly by Faculty Member)	
	Centre/SubCentre:	Dbatu, Lonere	District	
1	Name of the College and Address		Babasaheb Ambedkar Technolog	ical University
2	Name of the Faculty Member	Dr. Sonali Mangesh Mh	atre	
3	Name of the Subject taught during academ year 2018-19	CRE-II, MT	O-I, MTO-II, PDE-I, Advanced	Separation Techniques
4	Date of Joining in Degree College/Date of Joining in the present Institution	17/07/2013	Date of Retirement:	31/05/1938
S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Suggestions by Academic Advisors
		Curricular	Aspects	
5	Annual Curricular plan	Yes (attached with course file)	Α	
6	Curriculum enrichment / Value addition	Yes	A	
7	Whether conducting Add on Courses & rol in conduct of course	e no	С	
8	Feedback from students	Yes, departmental	A	
		Teaching, Learning	and Evaluation	
9	Teaching Diary & Teaching Plan	Yes, attached with course file	Α	
10	Coverage of syllabus so far (%)	90 to 95 %	A	
11	Record of students attendance	Yes, attached with course file	A	
12	Use of ICT - PPT & Audio-video Aids	Yes, attached with course file	Α	
13	Record of students assignments	Yes, attached with course file	A `	
14	Record of field trips	No	C	
15	Record of student seminars conducted	Yes, attached with course file Page 1 of 4	В	

Activity	Status ( Give Details, not just Yes/No)	Adviso along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Suggestions by Academic Advisors
Record of academic competitions conducted if any (Quiz, Role play)	no	C	
Other Student centric learning Methods	Use of moodle and Whatsapp class group	β	
Record of Extension Lectures given	no		100
Record of invited lectures arranged	no	C	
Record of internal examinations and University Exams	Yes, attached with course file	Α	
Pass percentage of University Exams / Semester in respective subject for the last three years.(paper wise)	MTO-I 89%, MTO-II- 86 %, CRE- II - 92%, PDE 100%	A	
Record of remedial classes conducted for slow learners	no		
	Research, Extension a	and consultancy	
Record of Research work (,Paper publication, Book publication, Articles)	Yes	B	
Record of Student Projects	Yes	β	
Record of seminars / workshops attended / organized /Papers presented	Yes	A	
Record of extension work undertaken	no	c	
Record of MoUs, if any	no	C	
Record of Consultancy work	no	C	
	Infrastructure and lea	rning Resources	
Utilization of Departmental Library	no	C	
Availability of CDs, Videos	PROTECTION OF THE PROPERTY OF	B	
(OERs)	videos for some experiments and theory(	В	
The same of the sa	Record of academic competitions conducted if any (Quiz, Role play)  Other Student centric learning Methods  Record of Extension Lectures given Record of invited lectures arranged Record of internal examinations and University Exams  Pass percentage of University Exams / Semester in respective subject for the last three years. (paper wise) Record of remedial classes conducted for slow learners  Record of Research work (,Paper publication, Book publication, Articles) Record of Student Projects Record of seminars / workshops attended / organized /Papers presented Record of extension work undertaken Record of MoUs, if any Record of Consultancy work  Utilization of Departmental Library  Availability of CDs, Videos  Virtual labs / Open Educational Resources (OERs)	Record of academic competitions conducted if any (Quiz, Role play)  Other Student centric learning Methods Record of Extension Lectures given Record of invited lectures arranged Record of internal examinations and University Exams Pass percentage of University Exams / Semester in respective subject for the last three years. (paper wise) Record of remedial classes conducted for slow learners  Record of Research work (,Paper publication, Book publication, Articles) Record of Student Projects Record of Student Projects Record of Student Projects Record of MoUs, if any Record of Consultancy work  Infrastructure and lea  Utilization of Departmental Library  Availability of CDs, Videos  Virtual labs / Open Educational Resources  Vice of moodle and Whatsapp class group no NPTEL lectures disk is available Yes, shown you tube videos for some	Record of academic competitions conducted if any (Quiz, Role play)  Other Student centric learning Methods Record of Extension Lectures given Record of internal examinations and University Exams Record of internal examinations and University Exams  Pass percentage of University Exams  Record of remedial classes conducted for slow learners  Record of Research work (,Paper publication, Book publication, Articles) Record of student Projects Record of stension work undertaken Record of MoUs, if any Record of Consultancy work  Virtual labs / Open Educational Resources  No Use of moodle and Whatsapp class group  Record of internal examinations and Vass, attached with course file  Name of Cartesian Carte

S.No.	Activity	Status ( Give Details, not just Yes/No)	Advisorong with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Suggestion by Academic Advisors
		all video links and notes made available on my webpage www.sonalimmhatre.wor dpress.com	Α	
		Student support an	d progression	
32	Record of Activities conducted to contribute to the students' career opportunities	no	С	
33	Mentoring / Counselling to students for curricular and co-curricular activities	yes	3	
34	Newspaper clippings or other materials as additional resource	yes, youtube videos	В	
	Any Student team project for Technology Development	no		
1		Governance and	Leadership	
35	Record of additional administrative responsibilities performed	Asst. Rector, Hostel Dhavalgiri , Chairman ( women research development committee), member (BOS)	A	
36	Record of innovative practices	yes	β	
37	Any outstanding contribution	nil	-	
38	Whether above( related activities )entered in into Departmental Activities Register	yes	A	
39	Maintenance of Departmental Activities	yes	A	

S.No.	- · Activity ~	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Gooc, B( Satisfactory)/C (poor) after Observation	Recommendation/Suggestions by Academic Advisors	1
40	Check Departmental Documentation ( should be available with I/c of dept.)  1. Dept. Time Table  2. Faculty-wise Annual Curricular Plans  3. Facultywise wise Teaching Diary & Plans  4. Departmental Activity Register along with documentary Evidences  5. Faculty wise API formats along with Evidences	yes	A	0	
	Signature of the Faculty member  Note: the Format is to be filled by all the faculty and certified by the Principal and submitted to the Academic Audit Team.	( matri	Signa	ture of the Head of Department	
			10.11.2019	Sound 1	
		Page 4 of 4			

-40		saheb Ambedkar Technol demic Audit of Engineer		
		To be filled individually		
	Centre/SubCentre: Dr. BATU. Lonere - Campus	To be inted individually	District:	Raigad
1	Name of the College and Address	Dr. Babasaheb Ambedk	ar Technological University Petrochemical Enginee	y, Lonere Raigad. (Department of ring)
2	Name of the Faculty Member	Rawoot Lubna Yunus		
3	Name of the Subject taught during academic year	Elective IV (Lubricants, waxes & Petroleum Speciality chemicals), Chemistry of Petroleum Hydrocarbons, Petrochemical Engineering - I, Elective V (Lubricants waxes & Petroleum Speciality chemicals)		
4	Date of Joining in Degree College/Date of Joining in the present Institution	23/08/2018	Date of Retirement:	15/06/2019
S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Suggestions by Academic Advisors
		Curricular Asp	pects	
5	Annual Curricular plan	Yes - course schedule and internal assesment made avialable at the beginning of semester	A	
6	Curriculum enrichment / Value addition	Assignment & notes were avialable. As well as videos were shown regarding refinery units	A	
7	Whether conducting Add on Courses & role in conduct of course	No	c	
8	Feedback from students	feed back collected at the semester end	Α	
		Teaching, Learning and	d Evaluation	
9	Teaching Diary & Teaching Plan	Teaching plan and Notes prepared Page 1 of 4	Α	

S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Suggestions by Academic Advisors
10	Coverage of syllabus so far (%)	95%	A	
11	Record of students attendance	available in APR booklet	A	
12	Use of ICT - PPT & Audio-video Aids	Yes	A	
13	Record of students assignments	Yes - avialable	A	
14	Record of field trips	No	C	
15	Record of student seminars conducted	Yes	A	
16	Record of academic competitions conducted if any (Quiz, Role play)	Yes -Presentations were conducted for PE-I	В	
17	Other Student centric learning Methods	No	C	
18	Record of Extension Lectures given	No	C	
19	Record of invited lectures arranged	No	C	
20	Record of internal examinations and University Exams	Yes -Avialable	PA	
21	Pass percentage of University Exams / Semester in respective subject for the last three years.(paper wise)	Elective IV : 52.5 %, COPH: 37.25%, PE-I: 67.7%	В	
22	Record of remedial classes conducted for slow learners	No	-	
<b>F 33</b>		Research, Extension an	d consultancy	
23	Record of Research work (,Paper publication, Book publication, Articles)	Nil	C	
24	Record of Student Projects	Yes avialable	Α	
25	Record of seminars / workshops attended / organized /Papers presented	Yes	A	
26	Record of extension work undertaken	Nil	c	THE RESERVE OF THE PARTY OF THE
27	Record of MoUs, if any	Nil	C	
28	Record of Consultancy work	Nil	C	
20	The state of the s	Infrastructure and lear	ning Resources	
29	Utilization of Departmental Library	No	C	
30	Availability of CDs, Videos	No	c	
30	Availability of CDS, videos	Page 2 of 4		

S.No.	Activity	Status ( Give Details, not just Yes/No)	Impressic of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Suggestion by Academic Advisors
31	Virtual labs / Open Educational Resources (OERs)	No	С	
MARK	Development of any educational resource	No	C	
		Student support and	progression	
32	Record of Activities conducted to contribute to the students' career opportunities	No	С	
33	Mentoring / Counselling to students for curricular and co-curricular activities	No	C	
34	Newspaper clippings or other materials as additional resource	No	С	
	Any Student team project for Technology Development	Yes (Methanol blending in Gasoline)		
1000		Governance and L	eadership	
35	Record of additional administrative responsibilities performed	No	B	
36	Record of innovative practices	No	-	
37	Any outstanding contribution	No		
38	Whether above( related activities )entered in into Departmental Activities Register		-	
39	Maintenance of Departmental Activities Register		-	
		Page 3 of 4		

S.No.	Activity	Status ( Give Details, not just Yes/No)	Improssion of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Suggestions by Academic Advisors
40	Check Departmental Documentation ( should be available with I/c of dept.)  1. Dept. Time Table  2. Faculty-wise Annual Curricular Plans  3. Facultywise wise Teaching Diary & Plans  4. Departmental Activity Register along with documentary Evidences  5. Faculty wise API formats along with Evidences	Avialable	β	Vana P
	Signature of the Faculty member	Pawet.	Signa	ture of the Head of Department
	Note: the Format is to be filled by all the faculty and certified by the Principal and submitted to the Academic Audit Team.			
			Augsalman, 20.11.00101.	Som of
	.,			
		Page 4 of 4		

## Dr. Babasaheb Ambedkar Technological University Academic Aud t of Engineering College

	Centre/SubCentre: Dr. BATU. Lonere - Campus		District	: Raigad
1	Name of the College and Address	Department of Petrochem	ical Enginering, Dr. BATU, Lo	nere Raigad
2	Name of the Faculty Member	Pradip S. Nande		
3	Name of the Subject taught during academic year 2018-19	Advaced Petroleum Refini	ing (Elective-IV) & Optimization	n Techniques
4	Date of Joining in Degree College/Date of Joining in the present Institution	23/08/2018	Date of Retirement.	15/06/2019
S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Acad scie Advisor along with grade A(Good)/B(Satisfactory)/A (poor) after Observation	Recommendation Suggestions by Academic Advisors
		Curricular Aspects		
5	Annual Curricular plan	Yes - course schedule and internal assesment made avialable at the beginning of semester	The state of the s	
6	Curriculum enrichment / Value addition	Assignment made avialable	A.	
7	Whether conducting Add on Courses & role in conduct of course	No	B	\
8	Feedback from students	feed back collected at the semester end	A	
		Teaching, Learning and Lalu	ation	
9	Teaching Diary & Teaching Plan	Available in APR	Α	
10	Coverage of syllabus so far (%)	90	P.	NORTH BUILDING
10	Corciage of Syllabas so Ital (70)	Page 1 of 4		

S.No.	. Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B(Satisfactory)/C (poor) after Observation	Suggestions by  Academic  Advisors
11	Record of students attendance	available in APR	A	TO PERSONAL PROPERTY AND PARTY AND P
12	Use of ICT - PPT & Audio-video Aids	Yes	A	THE RESERVE OF
13	Record of students assignments	Yes - avialable	A	
14	Record of field trips	No	c	FIRE THE TOWN
15	Record of student seminars conducted	Yes	A	
16	Record of academic competitions conducted if any (Quiz, Role play)	Yes -Quiz was conducted	Α	
17	Other Student centric learning Methods	No	C.	
18	Record of Extension Lectures given	No	C	
19	Record of invited lectures arranged	No	C	THE STATE OF THE S
20	Record of internal examinations and University Exams	Yes -Avialable	Α	
	Pass percentage of University Exams / Semester in respective subject for the last three years.(paper wise)	Optimizatio Techniques 98.27 %	A	
	Record of remedial classes conducted for slow learners	No	-	
		Research, Extension and consult	tancy	
	Record of Research work (,Paper publication, Book publication, Articles)	Nil	C	
24	Record of Student Projects	Yes avialable	Α	
	Record of seminars / workshops attended / organized /Papers presented	Yes	A	
26	Record of extension work undertaken	Nil	C	
	The state of the s	Nil	c	
28	Record of Consultancy work	Nil	C	
		Infrastructure and learning Reso		
	No the second of the		THE RESERVE TO SERVE THE PARTY OF THE PARTY	

S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/ Suggestions by Academic Advisors
29	Utilization of Departmental Library	No	B	
30	Availability of CDs, Videos	No	C	E 10 15 1 1 1 1 1 1 1
31	Virtual labs / Open Educational Resources (OERs)	No	c	
	Development of any educational resource	No	C'	
		Student support and progress	sion	
32	Record of Activities conducted to contribute to the students' career opportunities	Organized one Month workshop on AutoCAD.	Α	
33	Mentoring / Counselling to students for curricular and co-curricular activities	No	B	
34	Newspaper clippings or other materials as additional resource	Nil	C.	1
	Any Student team project for Technology Development	No	C	N. Carlotte
	Secretary Control of the Control of	Governance and Leadersh	ip	
	Record of additional administrative responsibilities performed	No	β	1
	Record of innovative practices	Nil	C	
	Any outstanding contribution	No	C	THE LEGISLES
30	Whether above( related activities )entered in into Departmental Activities Register	Yes	A	
	Maintenance of Departmental Activities Register	Yes	A	

S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/ Suggestions by Academic Advisors
40 3.1 40 3.1 40 5.	neck Departmental Documentation ( ould be available with I/c of dept.) Dept. Time Table Faculty-wise Annual Curricular Plans Faculty-wise wise Teaching Diary & Plans Departmental Activity Register along with cumentary Evidences Faculty wise API formats along with idences	Avialable	B	
	PSNande nature of the Faculty member		Signature of the He	ad of Department
facul	e: the Format is to be filled by all the lty and certified by the Principal and nitted to the Academic Audit Team.			
			149dman 20112019.	80.11.9
		Page 4 of 4		

0.00		pasaheb Ambedkar Techno cademic Audit of Engineer						
		( To be filled individually						
	Centre/SubCentre: Dr. BATU. Lonere -	( 10 be fined individually	District	Raigad				
1	Name of the College and Address	Department of	Petrochemical Engineering,	DRATIL Longe Release				
2	Name of the Faculty Member	Darekar Ashitosh D.	the content of Engineering,	DDATO, Eonere Raigau				
3	Name of the Subject taught during academi year 2018-19							
4	Date of Joining in Degree College/Date of Joining in the present Institution	7/5/2018	Date of Retirement:	15/06/2019				
S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Suggestion by Academic Advisors				
		Curricular Asp	oects					
5	Annual Curricular plan	Yes - course schedule and internal assesment made avialable at the beginning of semester	A					
6	Curriculum enrichment / Value addition	Assignment made avialable	A					
7	Whether conducting Add on Courses & role in conduct of course	No	c					
8	Feedback from students	feed back collected at the semester end	A					
		Teaching, Learning and	Evaluation					
9	Teaching Diary & Teaching Plan	Teaching plan and Notes prepaid at the beginning	A					
	Coverage of syllabus so far (%)	90	A					
	Record of students attendance	available	A					
	Use of ICT - PPT & Audio-video Aids	Yes	A					
13	Record of students assignments	Yes - avialable 1 of 4	A					

S.No.	Activity	Activity  Status ( Give Details, not just Yes/No)  Status ( Give Details, not just Yes/No)  Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation				
14	Record of field trips	No	C			
15	Record of student seminars conducted	Yes	A			
16	Record of academic competitions conducted if any (Quiz, Role play)	Yes -Quiz was conducted	Α			
17	Other Student centric learning Methods	Group presentaion	A			
18	Record of Extension Lectures given	Yes	A			
19	Record of invited lectures arranged	No	C			
20	Record of internal examinations and University Exams	Yes -Avialable	A			
21	Pass percentage of University Exams / Semester in respective subject for the last three years.(paper wise)	-	-			
22	Record of remedial classes conducted for slow learners	No				
5-50		Research, Extension and	d consultancy			
23	Record of Research work (,Paper publication, Book publication, Articles)	Nil	С			
24	Record of Student Projects	Yes avialable	β			
25	Record of seminars / workshops attended / organized /Papers presented	Yes	Α			
26	Record of extension work undertaken	Nil	C			
27	Record of MoUs, if any	Nil	8			
28	Record of Consultancy work	Nil	C			
		Infrastructure and learn	THE PARTY NAMED IN COLUMN TWO IS NOT THE OWNER.			
29	Utilization of Departmental Library	Yes using	β			
30	Availability of CDs, Videos	No	C			
31	Virtual labs / Open Educational Resources (OERs)	No	C			
	Development of any educational resource	No Student support and p Page 2 of 4	progression			

S.No.	Activity	Status ( Give Details, not just Yes/No)	Impressic of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Suggestion by Academic Advisors
32	Record of Activities conducted to contribute to the students' career opportunities	No		
33	Mentoring / Counselling to students for curricular and co-curricular activities	No		
34	Newspaper clippings or other materials as additional resource	Nil		
	Any Student team project for Technology Development	No ·		
		Governance and Le	adership	
35	Record of additional administrative responsibilities performed	No		
36	Record of innovative practices	Nil		
37	Any outstanding contribution	Can't Say		
38	Whether above( related activities )entered in into Departmental Activities Register	Yes		
39	Maintenance of Departmental Activities Register	Yes		
	Check Departmental Documentation ( should be available with I/c of dept.)  1. Dept. Time Table  2. Faculty-wise Annual Curricular Plans  3. Facultywise wise Teaching Diary & Plans  4. Departmental Activity Register along with documentary Evidences  5. Faculty wise API formats along with Evidences	Avialable		
		Page 3 of 4		

S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Ad or along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Suggestions by Academic Advisors
	Signature of the Faculty member		Signat	ure of the Head of Department
	Note: the Format is to be filled by all the faculty and certified by the Principal and submitted to the Academic Audit Team.			
			1/ Redamin	Bung.
			20.110	20.11.19

# Dr. Babasaheb Ambedkar Technological University

	Forma	- II ( To be filled individu:	ally by Faculty Member)							
	Centre/SubCentre: Dr. BATU. Lonere Campus	COMPANY STATES OF THE PROPERTY	District:	Raigad						
1	Name of the College and Address	Department o	f Petrochemical Engineering, I	DBATU, Lonere Raigad						
2	Name of the Faculty Member	Mr. Palande Siddhesh Vi	jay	and health the try breaking to the						
3	Name of the Subject taught during academic year 2018-19	Materials for Engg. Ap	Materials for Engg. Applications, Process Dynamics & Control, Numerical Methods Chemical Engg.							
4	Date of Joining in Degree College/Date of Joining in the present Institution	7/5/2018	Date of Retirement:	15/06/2019						
S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Suggestions b Academic Advisors						
	View B. Co. C. Street Co.	Curricular	Aspects							
5	Annual Curricular plan	Yes - course schedule and internal assesment made avialable at the beginning of semester	R							
6	Curriculum enrichment / Value addition	Assignment made avialable	β							
7	Whether conducting Add on Courses & role in conduct of course	No	The second second							
8	Feedback from students	feed back collected at the semester end	A							
		Teaching, Learning	and Evaluation							
9	Teaching Diary & Teaching Plan	Teaching plan and Notes prepaid at the beginning	A							
10	Coverage of syllabus so far (%)	95	A	75.49. A 75- No. 10 (1)						
11	Record of students attendance	available	A							
12	Use of ICT - PPT & Audio-video Aids	Yes	В							
13	Record of students assignments	Yes - avialable Page 1 of 4	В							

S.No.	Activity	Status ( Give Details, not just Yes/No)	Recommendation/Suggestions by Academic Advisors	1	
14	Record of field trips	No	C	Need improvement	ľ
15	Record of student seminars conducted	Yes	A		В
16	Record of academic competitions conducted if any (Quiz, Role play)	Yes -Quiz was conducted	A		į
17	Other Student centric learning Methods	Group presentaion	A		E
18	Record of Extension Lectures given	Yes	A		П
19	Record of invited lectures arranged	No	C	Need More efforts	Н
20	Record of internal examinations and University Exams	Yes -Avialable	A		
21	Pass percentage of University Exams / Semester in respective subject for the last three years.(paper wise)	Data not available	-		
22	Record of remedial classes conducted for slow learners	No			
		Research, Extension	and consultancy		B
23	Record of Research work (,Paper publication, Book publication, Articles)	Nil	c		10
24	Record of Student Projects	Yes avialable	В		B
25	Record of seminars / workshops attended / organized /Papers presented	Yes	A		
26	Record of extension work undertaken	Nil	C		В
27	Record of MoUs, if any	Nil	C		ı
28	Record of Consultancy work	Nil	C		Ð
		Infrastructure and le	arning Resources		
29	Utilization of Departmental Library	Yes using	ß		
30	21 tunidoning of constitution	No	C		
31	Virtual labs / Open Educational Resources (OERs)	No	С		
	Development of any educational resource	No	C		H
		Student support a	nd progression		

S.No.	Activity	Status ( Give Details, not just Yes/No)	Impressic of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Suggestions by Academic Advisors
32	Record of Activities conducted to contribute to the students' career opportunities	No	С	
33	Mentoring / Counselling to students for curricular and co-curricular activities	No	С	
34	Newspaper clippings or other materials as additional resource	Nil	С	
	Any Student team project for Technology Development			
The state of		Governance and	Leadership	
35	Record of additional administrative responsibilities performed	No	В	
36	Record of innovative practices	Nil	С	
37	Any outstanding contribution	Can't Say		
38	Whether above( related activities )entered in into Departmental Activities Register	Yes	A	
39	Maintenance of Departmental Activities Register	Yes	A	<u> </u>
40	Check Departmental Documentation ( should be available with I/c of dept.) 1. Dept. Time Table 2. Faculty-wise Annual Curricular Plans 3. Facultywise wise Teaching Diary & Plans 4. Departmental Activity Register along with documentary Evidences 5. Faculty wise API formats along with Evidences	Avialable	В	

No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor a .ng with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Suggestions by Academic Advisors
	Signature of the Faculty member		Sim.	turn of the Hand of D
	Note: the Format is to be filled by all the faculty and certified by the Principal and submitted to the Academic Audit Team.			ature of the Head of Department
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		Page 4 of 4		

# DR BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY LONERE Department of Petrochemical Engineering Student Statistics 2018 - 2019

		_	_	_	To.			Te	- Tr		WSU.	OBC			NT			SBC			JK		0.00	Lutas	-	Cont.
Sr.	Open		en		Sc			51			OBC	OBC		2.0	24   12		M	F	T	M	F	T	MF	F	1	
No.	Year	M	F	T	M	F	T	N	1	F	T	M	F	T	M	F	1	IVI	10	1	0	0	0	32	12	44
_	First	12	4	1.6	4	3	1.7	7	1	0	1	12	5	17	2	0	2	1	0	1	0	0	0	1/2	- 5	68
1	First	16		26	-	1	1	0	2	0	2	19	2	21	7	0	7	3	0	3	0	0	U	0.5	10	
2	Second	23	1 2	43	1 4	1	1	<u> </u>	4	0	-	1/	-	22	6	0	6	-1	0	1	0	0	0	48	12	60
3	Third	17	4	21	5	2	3	7	0	0	0	10	0	44	0	0	-	0	0	0	0	0	0	65	18	83
4	Fourth	21	3	24	1	1 6	1	7	2	0	2	22	8	30	6	0	0	0	0	10	-	-		208	47	2

				- 0	The spiral princes	•
			Dr. Babasa	heb Amb	edkar Technological University	
10		Acad	lemic Audit	of Depar	tment of Petrochemical Engineering	
-50			Action To	ken Repo	ort by Head of the Department	
	CONTRACTOR OF THE PARTY OF THE			1000000	LI EGE PROFILE	
1	Name of the College Website email and Ph	No		1-00	Department of Petrochemical Engineering	Dr.BATU- Lonere Campus
2		12.401			Prof . V.P. Jawanjal, vpjawanjal@d	batu.ac.in, 9423890578
3		Vo.				
4			VII. 18-17		Dr.L.N. Singh,Insingh@dbatu	ac.in, 8087369025
5		100.140.	1 - 1 - 1	200.1	1989 , Yes	STREET, WITH STREET, WASHINGTON
6	NBA accreditation			Not at	Twice in past i.e in year	
7	Name of the Vice-Principal, email & Mob.No. Name of the Vice-Principal, email & Mob. No. Name of the Vice-Principal, email & Mob. No. Not applicable Year of Establishment & own land if any NBA accreditation NAAC Grade with Cycle, Accredited Year & CGPA (if not Accredited Satus of Preparations) UGC Recognition (2F & 12 B) College Working Hours (if shift system mention details of both shifts & give reasons for shift system) No. of Posts Sanctioned:07 Course wise & Year wise Students strength particulars (Proforma enclosed & to be submitted along with AAR)  Item  Prof. V.P. Jawanjal, vpjawanjal@dbatu.ac.in, 9423890078 No. of the Vice-Principal, email & Mob.No. Not at present Twice in past i.e in year Twice in past					
8	DGC Recognition (2F & 12 B)			749	Yes	The state of the s
9	College Working Hours( if shift system mer	nion details of	both shifts &		9am -6 pm	
10	The second secon				Contract Working: 06	NI
11	Course wise & Year wise Students strength enclosed & to be submitted along with AAI	particulars ( P	roforma		Copy attached.	
			State Pro-	II-CUR	RICULAR ASPECTS	
60				-	Recommendation/Suggestions by Academic Advisors A(Good)/B(Sqtisfactory)/C (poor) after observation	Action Taken by the HoD
	Hem	MITTAL THE		Gesde	Recommendation	
-	y I was at Annual Institutional Plan		-	В	Plan was there, record wsa not there	18-19 record is maintained
1		-	1330	C	Curricular plan need to be prepared	For 18-19 it is perpared
2	Departmental Annual Curricular Plans		10000			11 1 1 5 10 10 decimal for 10 20
3	College Activity Register 2017-18	Res Life		В	Prepared but records not avialable	Updated for 18-19 and maintained for 19-20.
4	Departmental Activity Registers ( Dept. Wis	e)		В	Avialable	Maintained
5	Add-on Courses (Department-wise) comple		6-17	В	Record of certificated needto be maintained	Record available for 18-19
6	Add-on Courses (Department-wise) in 2017		1	В	Record of certificated needto be maintained	For 18-19 it is available
7	Coverage of Syllabus (Average Percentage)			В	Actual implementation tobe linked with annual plan	Efforts taken to improve 18-19

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		6.4		• 1
8	Teaching of Humanities & Foundation Courses	٨	Added in academics	
9	No. of New UG & PG Courses introduced this year:	NA		ALCOHOLD BY THE REAL PROPERTY.
10	Maintenance of Student Attendance Registers	٨		
11	Feedback forms on Curriculum from students	Λ	<b>《大型》的原作的图像是由于通行的是</b>	
		_	LEARNING & EVALUATION	
1	Teaching Diaries & Plans in the Prescribed Formats	В	Requires improvement	for 18-19 implemented
2	Co-Curricular Activities ( College Level)	В	Needs enhancement	Steps are taken for improvement
3	Academic Competitions ( College & Above level)	В	Records not avialable	maintained for 18-19
4	Conduct of Internal Examinations	٨	Rubeics needs tobe implemented for continuous assessment	Existing processes will be redefined
5	Subject wise result analysis	A		
6	Teacher wise result analysis	Λ		
7	Remedial Classes	С	Requires attention	More focus on Tutorial Classes
8	Record of Evaluation of Teachers by Students ( Monthly from July)	Λ		WEBANE PROFITED ON
79/	IV-F	RESEAR	CH AND CONSULTANCY	E TO BE LEE TO
1	Is the College a Recognized Research Centre	NA		The same of the sa
2	No. of Research Guides in the College	NA	current PHD Professors are not eligible for guiding student	
3	No. of Research Scholars working for Masters & Ph. D	NA		ASSESSED FOR THE PARTY NAMED
4	Major/Minor/Other Research Projects	C	Needs attaintion	Still need attrentation
5	Research Papers Published in previous academic year (International /National)	В	Records not avialable in department	corrected for 18-19
6	Papers Presented in previous academic year (International /National/ State)	С	Records not avialable in department	corrected for 18-19
7	Books Published in previous academic year(Single Author/ Co Author)	NA		faculty will be encouraged to genrate e conten
8	Seminars/Workshops/ Training Programme Conducted in previous academic year (International /National/ State)	В		Improved in 2018-19
9	Record of Consultancy in previous academic year	С	Requires more efforts	Still need more focus
10	Record of MOUs in previous academic year	С	Requires more efforts	Still neeed more focus
GA.	CONTRACTOR OF THE PARTY OF THE	VI-EXT	TENSION ACTIVITIES	W. San Kalle Lands
1	Record of Subject/Department Related Extension Activities	В	Requires more efforts	Point noted
2	Name of the NSS PO & Mobile No.	NA		
			Page 2 of 290	year

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3	NSS Arrendance register	NA		
4	NSS activity register	NA		
5	Name of the NCC ANO & Mobile No.	NA	10月 不证法 建下套等的后面作用	
6	NCC Attendance register	NA	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	
7	NCC activity register	NA		
8	Name of the Professional Club Coordinator & Mobile No.	C	Requires more efforts	Could not be done
9	Professional Club Activities	C	Requires more efforts	could not be done
10	Name of the Women Empowerment Cell(WEC) Coordinator & Mobile No.	NA		
11	WBC Activities	NA		
12	Name of the Eco-Club Coordinator & Mobile No.	NA		The second second
13	Eco-Club Activities	NA		<b>分下与企业企工的工作的</b>
14	Name of the Consumer Club Coordinator & Mobile No.	NA		
15	Consumer Club Activities	NA		CHARLES AND
16	Any other Club	C	. Requires more efforts	Point noted for 2018-19
		IV-LEA	RNING RESOURCE	
1	Name of the Librarian & Mob.No	NA		SEL MAKES BUILD
2	Access timings of the Library	NA		THE BUTTON SEA SEASON FOR
3	Circulation of Books among Students	NA	As per feedback from students avialability of books are lesser in library	Additional Books recommonded for purchase
4	Availability of Previous years Question papers	В	not avialable at department level	Could not be done
5	Record of Visitors	NA		
6	Status of Library Automation	NA		THE RESERVE OF THE PARTY OF THE
7	e-Resources & e-Journals	С	Need to be generated	Effots will be taken through alumni support to improve the scenerio
8	Name of SWAYAM Coordinator & Mob.No	NA		
9	Usage of Internet by students in the Library	В	Internet avialability is a very big issue	point will be communicated to respective authority
10	Status of SWAYAM facilities functioning	NA		
11	Whether SWAYAM schedule is circulated to the students	NA		
12	Maintenance of SWAYAM Viewers' Register	NA		
H		VII-Stud	dent Support Activities	
1	Name of Physical Director & Mob.No	NA		
	Record of Physical Education Department	NA		Yanara

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3	Records of events conducted and significant achievements in Sports & Games	C	Data for Department needs to be maintained	Record maintained for 18-19
	Record of cultural programmes conducted	C	Records need to be maintained	Record maintained for 18-19
	Record of any other extra-curricular activities conducted	C	Records need to be maintained	Record maintained for 18-19
	Maintenance of placement facilities & records	NA	Department person tobe nominated for placement	point noted
	Record of Students trained in different verticals			HINT SHOW STREET
	Record of Student trained and placed	C	Placement need to be improved	Special Efforts will be taken
	Name of Career Guidance Coordinator and Mob.No	NA		The second of the second
1	Record of activities Career Guidance and placement cell	NA		-AUTO-WAR
	Name of Dept Review Committee Coordinator & Mob. No.	С	Department has to form DRC	Could not be done
	Implementation of DRC Action Plan	С	The state of the state of the	AS A STORY OF THE RESTAUR
	IQAC activities & maintenance of records , (Action Plan/Minutes of Meeting/ submission of AQAR to NAAC etc)	NA	1 · · · · · · · · · · · · · · · · · · ·	THE STATE OF STATE
	Record of Support by Alumni Association	• В	Alumni association needs tobe registered	Point noted and will be attended
	Record of Grievance Redressal Cell / Anti Ragging Cell	NA		THE PARTY OF THE P
	Mentoring / Counselling System	100		

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	SHOULD BE THE THE THE THE THE THE THE THE THE TH		V	III-Basic Amenities	
1	Maintenance of drinking water	T	A	Good Facility	WAS THE RESERVE
2	Maintenance of Sanitation	DET DE	C	Very unhygenic and urgent maintainance required	In better state as on today
3	Rest room for women students	10 0	A		
4	Greenery & Cleanliness	100 C. S. C.	Λ		
5	Health Care Facility	A Second	В	Round o clock dedicated person needed	Implemented on university level and function
6	Canteen		В	canteen requires improvement	In Better state than previous years
	The Part of the Part	IX-	GOVERN	IANCE AND LEADERSHIP	
1	Management Committee Register		NA		
2	Functioning of Committees in Administration (Min	utes of Meetings)	NA		
3	Awards/Achievements		С	Requires efforts	Point noted
4	Faculty development initiatives if any		В	requires improvements and records to be maintained	Efforts taken in 2018-19
K		Water State	x-	IT INITIATIVES	
1	e-class rooms ( Number & Usage)	20 100	Λ	Number to be added	Could not be done
2	Internet Centre		С	Center is avialable .Sufficient Bandwidth not avialabilty. Poor connectivity	Has improved for 2018-19
3	Computer labs ( No. of labs & working systems)		В	No of computers needs to be increased and all softwares are pyreted .Licence copy required	In process as on today
		S 2004	x	I-Best Practices	
1	Record of best/innovative practices by the institution		В	Requires improvement. Records need to be maintained	Point noted
2	College Activity Register & Hard Copy of AQAR pro- year (should be available with the Principal)	rvious academic	В	Details of minutes and meeting to be recorted	available for previous years
3	Over All Impression on the Ollege	S PARK	В		
	Signature of the Head of Department			Airsalaura 2	30.11.19

# Dr. Babasaheb Ambedkar Technological University

Academic Audit of Petrochemical Engineering Department Format for submission of Academic Advisors Report (AAR) Name of The Department:-Petrochemical Engineering

.No	Item	Grade *	Impression
1	Conduct of Classes	А	
2	Co-Curricular Activities & Extra-Curricular Activities	A	
3	College Activity Register	A	
4	Departmental Activity Registers	A	
5	Discipline in the campus	В	
6	IQAC	NA	
7	Placement	В	
8	Departmental research	с	
9	Career Guidance Cell	С	
10	SWAYAM facilities	В	
11	Library	NA	
12	Research & Laboratories	В	
13	Games & Sports	В	
The second second			Augusland Joli 19
			Augustania. Jour 19
			11:11

			Impression
-		Grade *	
	Humanities and Foundation Courses	A	
-	Teacher Evaluation by Students	Α	
5	Maintenance of Registers	В	
7	Teaching Diaries & Plans	В	
18	NCC / NSS	NA	
19	Women Empowerment Cell	NA	
20	1	C	
21	Sanitation & drinking water	В	
2	2 Cleanliness	В	
2	3 Functioning o	f B	
-	Over All Impression of the College		
	Any Other im		
_	Signat 1	Satisfact	ory)/C (poor) demic Advisors
	2	ox o	Reduced A.

### Academic Audit Summary Sheet: Petrochemical Engineering Department

Institution: Dr. babasahebAmbedkar Technological University Lonere -Raigad Program Title(s): B.Tech. in Petrochemical Engineering
Academic Audit Status: Present one 2018 -19 (20/11/2019)

First Academic Audit14-15 & 15-16 (16/11/2016)

Second Academic Audit16-17 (31/07/2017)

Third Academic Audit 2017-18 (05/02/2019)

Each undergraduate program undergoes either an academic audit or external peer review.

The criteria used to evaluate a program appear in the following "Academic Audit Summary Sheet' have been selected based on the Academic Audit Focal Areas to be consistent with the spirit and process of the Academic Audit.

A check-mark should be placed in the appropriate box to indicate whether a program has "met" or "not met" each criterion in the table. If the % is less than 50% of the target value then the program has not met the objective of the Program.

If a particular criterion is inappropriate or not applicable to the program, the criterion should be marked "NA".

When combined with the self-study and the written report prepared by the visiting team, the Summary Sheet will facilitate institutional development of a program action plan to ensure continuous quality improvement.

#### AUDIT TEAM

Name Prof. Suyog V Taralkar

Name Shri Avinash R. Shastrabuddhe

Title Professor & Head

Department of Food Technology

Title: Senior Manager, Production

Institution: Annasaheb Dange College of Engineering and Technology Sangli

Industry: Mahindra CIE Automotive Ltd. Sale Mangaon

Signature Augustano

Signature July 20-11-2019

## Academic Audit Summary Sheet: Petrochemical Engineering Department

Institution: Dr. babasahebAmbedkar Technological University Lonere -Raigad Program Title(s): B.Tech. in Petrochemical Engineering
Academic Audit Status: Present one 2017-18 (09/02/2019)
First Academic Audit14-15 & 15-16 (16/11/2016)
Second Academic Audit16-17 (31/07/2017)

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Industry: Mahindra CIE Automotive Ltd. Sale Mangaon

Aursalnen

Signature

Signature

## Academic Audit Summary Sheet

Institution/University Department: Petrochemical Engineering Program Title: B.Tech in Petrochemical Engineering Degree Level: Undergraduate Program Academic Audit Status: current 2017-18 (09/02/2019)
First Academic Audit 2014-15& 2015-16 (0n 16/11/2016)
Second Academic Audit 2016-17 (31/07/2017)

## **Evaluation Results**

		Met/not met	% achieved
	LEARNING OBJECTIVES AND RESOURCES		ASAMS OF
1.1	The Faculty member has prepared Course Files as per the learning objectives of the program	Met	70
1.2	The Faculty member has shared his course file with the students of the class through Intranet/ Social media or any other means	Not Met	40
1.3	The faculty member documented specific benchmarks of his course to account for learning objectives	Not Met	40
2.	CURRICULUM AND CO-CURRICULUM	11111	100
2.1	The faculty member collaborated with other faculty members for effective design, sequence of courses and delivery of course for improvements and documented these efforts appropriately	Met	60
2.2	The faculty member documented a plan for analyzing the course content in terms of achieving program objectives.	Not Met	30
2.3	The faculty member documented a plan for review of curriculum and co-curriculum comparing those with the best practices elsewhere or in best institutes	Not Met	35
3	TEACHING AND LEARNING PROCESSES	10/15	1000
3.1	The faculty member analyzed his/her own methods for improving teaching and learning throughout the program and practiced them.	Met	75
3.2	The faculty member developed and promoted effective instructional methods, other than lecturing, so that student achieve the learning objectives.	Met	75
1	The faculty member developed materials for achieving student mastery of learning objectives.	Met	70
4.0	STUDENT LEARNING ASSESSMENT	No. of Contract of	my all
4.1	The Faculty member has announced the method of continuous assessment at the beginning of the course and followed it throughout.	Met	70
4.2	The faculty member developed techniques, other than written test, for the student learning assessments to improve the program.	Met	70
4.3	The faculty member has documented assessments of student learning	Met	65

4.4	The faculty member has developed measurable indicators of student learning success	Not Met	30
1.5	The faculty member has developed and documented a continuous improvement plan that incorporates multiple measures to assess student learning and program effectiveness.	Not Met	30
4.6	The Student has put in his/her own efforts in the learning process from resources outside the Institute.	Met	75
4.7	The students are challenged enough to use their knowledge creatively	Met	65
5.0	QUALITY ASSURANCE		
5.1	There is an existing process in the Institute to understand the parameters of quality of teaching and learning processes	Met	70
5.2	There is an initiative to understand the parameters of quality of teaching and learning processes, if not existing	Met	65
5.3	There is commitment to making continuous quality improvements in the program a top priority	Met	70
5.4	The performance of students in Internal Assessment and University Examinations is comparable.	Met	70
5.5	There is sufficient feedback obtained from stakeholders in development of academic processes in the College.	Met	65
5.6	There is sufficient evidence of attempts to understand the industries/ Society's need in delivery of appropriate course content to the students	Not Met	50
6	OVERALL ASSESSMENT		
6.1	The Academic Audit process was Faculty driven.	Met	65
6.2	The Academic Audit process (self-study and visit) included descriptions of the program's quality processes including all five focal areas.	Met	55
6.3	The Audit resulted in a candid description of weaknesses in program processes and suggestions for improvements.	Met	75
6.4	There is openness and thoroughness of the faculty members in completing the academic audit of this program.	Met	80
6.5	The Academic Audit process included involvement of and inputs from stakeholder groups identified by the program's faculty members	Met	85
7	FOLLOW-UP OF PREVIOUS AUDIT		91-8
7.1	An action plan was developed as a result of the previous Academic Audit.	Met	50
7.2	There is documented evidence that recommendations made by the previous Academic Audit Team have been considered and, when feasible and appropriate, implemented and tracked.	Met	60
7.3	There is documented evidence that the program has been implemented and tracked the progress of and use of results from improvement initiatives cited by the faculty its self-study.	Met	50

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8.1	The program regularly evaluates its library, equipment and facilities, encouraging necessary improvements within the context of overall college resources.	Met	65
8.2	The program's operating budget is consistent with the needs of the program.	Met	60
8.3	The program has a history of enrolment rates sufficient to sustain high quality and cost-effectiveness.	Met	60
8.4	The program has a history of graduation rate sufficient to sustain the quality of the program.	Met	65
8.5	The program has a history of placement rate sufficient to sustain high quality of program outcome.	Not Met	40
8.6	The Program has a history of generating support from industries and alumni to sustain itself.	Not Met	40

# Department of Petrochemical Engineering Academic Audit Report 2019-2020

# **Table of Content**

Sr. No	Title
01	Department Data
02	Academic Audit Faculty Data Sheet
03	Student Strength Particulars
04	Action Taken Report
05	Academic Advisors Report
06	Academic Auditors Report
07	Academic Audit Summery Sheet

<sup>\*:</sup> Prepared for Academic Year 2019 - 2020

#### Dr. Babasaheb Ambedkar Technological University Academic Audit of Department of Petrochemical Engineering **Petrochemical Engineering Department Data 2019-2020** Name of the University Department:-Petrochemical Engineering **Period of Audit: 2019-2020** I - DEPARTMENT PROFILE Name of the University Department, Website, email and Department of Petrochemical Engineering, www.dbatu.ac.in, 1 vpjawanjal@dbatu.ac.in, 9423890578 Ph. No. Name of the HoD, email & Mob. No Prof. V. P. Jawanjal, vpjawanjal@dbatu.ac.in, 9423890578 Name of the Vice-Principal, if any, email & Mob. No. NA Name of the IQAC Coordinator, email & Mob. No. Dr. L. N. Singh, lnsingh@dbatu.ac.in, 8087369025 4 Year of Establishment & own land if any 1989, Yes NBA accreditation of courses Not at Present, accredited twice in the past i.e., 2003-2006, 2007-2012 B Grade, 1st Cycle, 2015, 2.35 NAAC Executive Committee No. & NAAC Grade with Cycle, Accredited Year & CGPA ( Date- EC(SC) 05 A&A 083 dated 3-3-2015-Dr. Babasaheb Status of preparation if not Accredited) Ambedkar Technological University, Lonere-Maharashtra Yes UGC Recognition (2F & 12 B) 9 Department Working Hours( if shift system mention 9.00 A.M. TO 6.00 P.M. 10 details of both shifts & give reasons for shift system) Regular Faculty **Contract Faculty** No. of Posts Sanctioned: 07 Visiting Faculty: Nil 11 Working: 03 Working:06

<sup>\*:</sup> Prepared for Academic Year 2019 - 2020

# II - CURRICULAR ASPECTS

	Item	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Suggestions by Academic Advisors
12	Implementation of Annual Departmental Plan	Annual Department Plan was prepared well before start of Academic Year	A	If any changes in plan forwarded/ Communicated to students in advance.
13	Departmental Annual Curricular Plans	Yes, Department Plan was prepared including different departmental activities	A	
14	Whether the above two circulated among Students?	Displayed on department notice board & forwarded to student official WhatsApp group.	В	Create Email ID of all students (individual)
15	Department Activity Register during the academic year	Department has separate registers for department activity, guest lectures and department meetings.	A	Separate Registrar is maintain as record – Add students number in register.
16	Department Calendar/Department Magazine	Yes, Forwarded to all staff & faculty	В	

<sup>\*:</sup> Prepared for Academic Year 2019 - 2020

17	Add-on Courses (Department-wise) completed during previous year	Yes, Faculty have undergone add on courses recommended by SWYAM and NPTEL (Record maintained)	В	Signature on document
18	Add-on Courses (Department-wise) during current academic year 2019-20	Yes, Faculty have undergone for courses from NPTEL and SWYAM Platform. (Record maintained)	В	
19	Coverage of Syllabus (Average Percentage)	Approximately 95%	A	Should maintain always
20	Teaching of Humanities and Foundation Courses	Implemented as per guidelines by UGC/AICTE at First Year and Second Year of Engineering.	A	
21	No. of New UG & PG Courses introduced this year:	Final Year syllabus is revised in Academic Year 2019-2020.	A	
22	Maintenance of Student Attendance Registers	Yes, It is maintained through Annual Progress Record (APR) by Individual Faculty.	A	

<sup>\*:</sup> Prepared for Academic Year 2019 - 2020

III -	III - TEACHING, LEARNING AND EVALUATION				
23	Teaching Diaries & Teaching Plans in Prescribed Formats	Teaching plan are prepared and submitted to head at the start of semester and course files are maintained by individual faculty members.	A	Well maintained	
24	Co-Curricular Activities ( Department level)	Different activities through PESA (Petrochemical Engineering Student Association) are conducted at department level.	В	To increase once pandemic condition is over	
25	Academic Competitions (University Level & Above)	Yes, participation in Avishkar & events organized by institutes like IIT, NIT, MIT etc.	В	To increase once pandemic condition is over.	
26	Conduct of Internal Examinations-Unit, Half-Yearly and Pre final	Internal exams [Test-I, Mid Sem and Test-II] are conducted by individual faculty and record is available. Semester exams are conducted by exam section.	A		
27	Subject wise result analysis	Analysis done by individual faculty and then combined together. Record is available.	A		

<sup>\*:</sup> Prepared for Academic Year 2019 - 2020

28	Teacher wise result analysis	Yes, record is available.	A	As it is online difficult to analyzed outcome based
29	Remedial Classes	Earlier conducted under UGC and TEQIP-2 but not at present. Subject wise tutorial classes are conducted & records are available with individual faculty.	В	Remedial classes conducted as tutorial class.
30	Record of Evaluation of Teachers by Students	At the end of every semester feedback is collected, analyzed and shared with respective faculty. Record is available.	A	Students record to be attached or reference to be given.
IV -	RESEARCH AND C	ONSULTANCY		
31	Is the Department a Recognized Research Centre	No.	С	Research component need to improve
32	No. of Research Guides in the Department	Nil - for Ph.D. program. However, all three regular teachers are Guides for M. Tech Program in Chemical Engg.	С	Should register as Ph.D. guide (if eligible)

<sup>\*:</sup> Prepared for Academic Year 2019 - 2020

33	No. of Research Scholars working for Masters & Ph. D	NA	-	
34	Major/Minor/Other Research Projects	Nil	-	Should apply for DST, CSIR for funds
35	Research Papers Published in previous academic year (International/ National)	Yes (by Prof. S.S. Metkar)	В	Need to improve
36	Papers Presented in previous academic year(International/ National/ State)	Yes (by Prof. S.S. Metkar)	В	Need to improve
37	Books Published in previous Academic year ( Single Author/ Co Author)	Nil	В	E – content available

<sup>\*:</sup> Prepared for Academic Year 2019 - 2020

38	Seminars/Workshops/ Training Programme Conducted (International/ National/ State)	Yes  1. One week STTP on 'Integrated Approach towards Water Processing and Management' coordinated by Dr. S. S. Metkar  2. 2-Day workshop for Industry Professionals on 'Wastewater Management' coordinated by Dr. S. M. Mhatre	A	Other faculty also should conduct similar program
39	Record of Consultancy in previous academic year	No	-	Should contact industry for small projects
40	Record of MoUs in previous academic year	Nil	-	Should contact industry /Institution for MoUs as a collaboration
<b>V</b> -	V - EXTENSION ACTIVITIES			
41	Record of Subject/Department Related Extension Activities	Nil	С	Social activities nearby villages can be done – solving small problems of villages (education)

<sup>\*:</sup> Prepared for Academic Year 2019 - 2020

42	Name of the NSS PO & Mobile No.	Dr. H. N. Warahtkar, 9403316374	A	
43	NSS Attendance Register	Maintained at University Level	A	
44	NSS Activity Register	Maintained at University Level	A	
45	Name of the NCC ANO & Mobile No.	Dr. M. P. Bhagat, 7588265601	A	Records at university level. One copy should be maintain at department level.
46	NCC Attendance register	Maintained at University Level	A	
47	NCC activity register	Maintained at University Level.	A	
48	Name of the professional Club Coordinator & Mobile No.	No	-	
49	Professional Club Activities	No	-	
50	Name of the Women Empowerment Cell (WEC) Coordinator & Mobile No.	Prof. S. P. Dhongade Mobile No. 9970748646	В	One copy should be maintained at department level
51	WEC Activities	Activities are conducted at University level.	В	One copy should be maintained at department level

<sup>\*:</sup> Prepared for Academic Year 2019 - 2020

52	Name of the Eco-Club Coordinator & Mobile No.	Dr. R. P. Kate ,9420057789	В	
53	Eco- Club Activities	Conducted through Nature club at University Level	В	
54	Name of the Consumer Club Coordinator & Mobile No.	Shree. Suresh Lad Mobile No. 9975254439.  Dr. S. S. Metkar, Mobile No. 8600172102.	A	
55	Consumer Club Activities	Established at University level. Employee Society, Departmental Store and Xerox facilities are monitored by consumer club. Dr. S. S. Metkar is the member.	A	Keep one copy as records at department level.
56	Any other Club	Yes, activities are conducted at University Level.  Dr. V. S. Sargade is the University Coordinator  Dr. S. S. Metkar is the coordinator of artist club of University.	A	

<sup>\*:</sup> Prepared for Academic Year 2019 - 2020

VI -	VI - LEARNING RESOURCES					
57	Name of the Librarian & Mob. No	Shree. S. P. Vaidya, 94233382280	A			
58	Access timings of the Library	9.30 Am to 5.30 PM. on working days. The library hours are extended during the time of final examinations.	A			
59	Circulation of Books among Students	LIBMAN (Library Software) is used for circulation transaction. Library also runs book bank scheme sponsored by the Govt. of Maharashtra. http://dbatulibrary/opac or http://172.16.5.238/opac) online public access catalogue is used.	A	Record to be maintained at department level		
60	Availability of Previous years Question papers	Question bank is provided to exam section and available with individual Faculty.	A			
61	Record of Visitors	Maintained by University Library. The library is having open access.	A			

<sup>\*:</sup> Prepared for Academic Year 2019 - 2020

62	Status of Library Automation	The library is partially computerized with the help of LIBMAN (Library Software). The circulation transaction, Barcode generation, No dues certificates, Reminder etc. work is carried out with the help of this software.	A	
63	e-Lessons & e- Resources/ e-Journals	Various Journals and Resources are subscribed and available online.	A	Some proof to be made
64	Usage of Internet by students in the Library	Library has separate computer section around 20 computers are available with internet connectivity for students for accessing online journals and e-books.	A	available at department level.
65	Name of SWAYAM Coordinator & Mob. No	Dr. R. S. Pawade, 8698559938	A	
66	Status of SWAYAM facilities functioning	University is recognized as an ACTIVE Local Chapter. EduSat hall is used.	A	

67	Whether SWAYAM schedule is circulated to the students	Yes, it is circulated by Dr. R. S. Pawade and Dr. S .L. Nalbalwar	A	
68	Maintenance of SWAYAM Viewers' Register	Partially maintained at University Level by concerned coordinator.	В	Records to be maintained
VII	- STUDENT SUPPOR	RT ACTIVITIES		
69	Name of the Physical/Sports Director & Mob.No	Dr. P. B. Lokhande, 8600674584	A	
70	Record of Physical Education/Sports Department	Record is maintained at University level.	В	
71	Records of events conducted	Departmental students' participation record maintained at Departmental level. Prof. Abhhishek Saxena is the coordinator.	В	
72	Records of significant achievements in Sports & Games	List of winners from Petrochemical Department in Sports events is available. Detailed Record is maintained at Departmental level.	В	

<sup>\*:</sup> Prepared for Academic Year 2019 - 2020

73	Record of Cultural programmers conducted	-	-	Online can be conducted
74	Record of any other extra-curricular activities conducted	Departmental student's participation record is maintained.	В	Point wise separate record to be maintained
75	Maintenance of Placement Cell facilities & records	Detailed record is maintained at University level. Dr. S.S. Metkar is the Departmental training and placement coordinator.	В	
76	Record of Student trained and placed	02 Students were placed through campus whereas 50% students are placed by off campus placement at the end of December 2020.	В	On campus placement should improved
77	Name of Career Guidance Cell Coordinator & Mob. No	Prof. V. P. Jawanjal, 9168219246 Prof. S. S. Metkar, 8600172102 Dr. S. M. Mhatre, 9970748646	A	
78	Record of activities Career Guidance	Department level General Aptitude and Group Discussion were arranged. Record is available.	В	Record not available in proper file. Need to improve outside faculty should arrange for guidance.

<sup>\*:</sup> Prepared for Academic Year 2019 - 2020

79	Departmental Review Committee (DRC) Coordinator & Mob. No.	Prof. V. P. Jawanjal, 9168219246	A	
80	Implementation of DRC Action Plan	Nil	В	Not done due to pandemic
81	IQAC activities & maintenance of records , (Action Plan/Minutes of Meeting/Proof of submission of AQAR to NAAC/Activity register etc)	IQAC at University level is in place	В	To be maintained at department level
82	Record of Support by Alumni Association	Informal Alumini Association is placed at Departmental level. Alumni are also the member of Departmental Industry Academia Advisory Committee.	В	Alumni support record should be maintained.
83	Record of Grievance Redressal Cell / Anti Ragging cell	Disciplinary committee and University Women Grievance cell are in place at University Level. Dr. S. S. Metkar is representing at University level	A	

<sup>\*:</sup> Prepared for Academic Year 2019 - 2020

84	Record of Anti Ragging cell	In placed at University level. Dr. S. M. Mhatre is representing at University Level	A	
VII	I - BASIC AMENITIE			
85	Maintenance of drinking water	Water coolers with adequate filtration facility are available	В	
86	Maintenance of sanitation	Maintained by University.	В	
87	Rest room for women students	Available at University level on the ground floor	В	
88	Greenery	Maintained at University Level by Estate section	В	System should be in place as it is related to personal hygiene.
89	Cleanliness	Maintained at University Level by Estate section	В	
90	Health Care Facility	Available in University campus.  Dr. S. M. Mhatre is the Coordinator.	В	
91	Canteen	Canteen is available to students and faculties.	-	

<sup>\*:</sup> Prepared for Academic Year 2019 - 2020

IX -	IX - GOVERNANCE AND LEADERSHIP					
92	Management Committee Register	Maintained at University level	В			
93	Functioning of Committees in Administration ( Minutes of meetings)	Minutes of BoS is maintained by Chemical Engg. Department	В			
94	Awards/Achievements	Prof. Lubna Rawoot got Gold Medal for Academic Excellence in M.Tech Chemical Engineering.	A			
95	Faculty development initiatives if any	Faculties encourage to attend workshops, STTP's & FDP's. Record is available.	A	Well maintained		
X -	IT INITIATIVES					
96	E-Class rooms ( Number & Usage)	LH 001 is in place and in use.	A			
97	Internet Centre	Leased Line from BSNL of 1Gbps Accessed through centralized facility (2 Servers) at University level.	A			

<sup>\*:</sup> Prepared for Academic Year 2019 - 2020

98	Computer labs (No. of labs & working systems)	15	A	
XI -	Best Practices			
99	Record of best/innovative practices by the Department	02 days Induction Program is conducted for new students.	В	more imporative practice to be imple
100	Department Activity Register & Hard Copy of AQAR of previous year ( should be available with the Principal)	Available at Department level	A	
	Signature of the HoD	13 (not) (202)	1. Molinol21 2. Shattuk 3. Shattuk (Dr. J. R. Satjuk) Signatures of Academic Advisors	Mahesh Purohit  S. H. Gharat

<sup>\*:</sup> Prepared for Academic Year 2019 - 2020

#### Dr. Babasaheb Ambedkar Technological University Academic Audit of Engineering Colleges Format - II ( To be filled individually by Faculty Member)

	Lonere -Campus		: 1E DB	TTI Longer Daigned
1	Name of the College and Address	Department of Petrocher	mical Engineering, DB	ATU, Lonere Raigad
2	Name of the Faculty Member	Vasant P. Jawanjal	01 1 1 5 1 1	Tin II
3	Name of the Subject taught during academic year 2019-20	Chemical Process Calculation Petrochemical Engineeering	n ,Chemical Engineerin -III. Chemical Engineer	g Thermodynamics - II, ring Thermodynamics -I
	•		,	
4	Date of Joining in Degree College/Date of Joining in the present Institution	26/09/1993	Date of Retirement:	26/06/2027
S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Suggestion by Academic Advisors
		Curricular Aspects	Observation	<b>-</b>
5	Annual Curricular plan	Yes - course schedule and evaluation made avialable at the beginning of semester	L L	
6	Curriculum enrichment / Value	Assignment made avialable	Δ	
	addition	11351gillient made avialable		
7	Whether conducting Add on Courses & role in conduct of course	No	c	
8	Feedback from students	feed back collected at the semester	В	
		Teaching, Learning and Eva		
9	Teaching Diary & Teaching Plan	Teaching plan and diary prepaed at the beginning	А	
10	Coverage of syllabus so far (%)	100	А	
11	Record of students attendance	available	B	
12	Use of ICT - PPT & Audio-video Aids	Yes	В	
13	Record of students assignments	Yes - avialable	В	
14	Record of field trips	No	Č	
15	Record of student seminars conducted	Yes	A	
16	Record of academic competitions conducted if any (Quiz, Role play)	Yes -Quiz was conducted	A	
17	Other Student centric learning Methods	No	6	
18	Record of Extension Lectures given	Yes	A	
19	Record of invited lectures arranged	No	С	
20	Record of internal examinations and University Exams	Yes -Avialable	A	
21	Pass percentage of University Exams / Semester in respective subject for the last three years.(paper wise)	CPC -63% , CET-II- 77%, CET-I - 100%,PE-III-99%	A	
22	Record of remedial classes conducted for slow learners	NA	ŊA.	
-		Research, Extension and con		L
23	Record of Research work (Paper publication, Book publication, Articles)	Nil	c	
24	Record of Student Projects	Yes avialable	B	
25	Record of seminars / workshops attended / organized /Papers presented	Yes	B	
26	Record of extension work undertaken	Nil		

S.No.	Acuvity	Status (Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Suggestion by Academic Advisors
27	Record of MoUs, if any	Nil	C	
28	Record of Consultancy work	Nil	С	
		Infrastructure and learning l	Resources	
29	Utilization of Departmental Library	Yes	B	
30	Availability of CDs, Videos	Yes	B	
31	Virtual labs / Open Educational Resources (OERs)	No	C	
	Development of any educational resource	No	C	
		Student support and prog	ression	
32	Record of Activities conducted to contribute to the students' career opportunities	Yes	B	
33	Mentoring / Counselling to students for curricular and co-curricular activities	Yes	A	
34	Newspaper clippings or other materials as additional resource	Nil	С	
	Any Student team project for Technology Development	No	С	
		Governance and Leade	rship	
35	Record of additional administrative responsibilities performed	Yes	В	
36	Record of innovative practices	Nil	C.	
37	Any outstanding contribution	Can't Say		
38	Whether above (related activities )entered in into Departmental Activities Register	Yes	В	
39	Maintenance of Departmental Activities Register	Yes	А	
40	Check Departmental Documentation (should be available with I/c of dept.)  1. Dept. Time Table  2. Faculty-wise Annual Curricular Plans  3. Facultywise wise Teaching Diary & Plans  4. Departmental Activity Register along with documentary Evidences  5. Faculty wise API formats along with Evidences	Avialable	A	band .
	Signature of the Faculty member		Signature	of the Head of Departme
	Note: the Format is to be filled by all the faculty and certified by the Principal and submitted to the Academic Audit Team.			•

### Format - II (To be filled individually by Faculty Member)

Centre/SubCentre: Dr. BATU.

	Centre/SubCentre: Dr. BATU.		Diate!-	Daigad
	Lonere -Campus		District	: Raigad
1	Name of the College and Address	Department of Petroch	emical Engineering ,DI	BATU, Lonere Raigad
2	Name of the Faculty Member	Prof. Sangeeta S. Met		
3	Name of the Subject taught during	Chemical Reaction Eng	gI, Numerical Method	ds and Computer
J	academic year 2019-20			ocess Dynamics and Control
4	Date of Joining in Degree College/Date of Joining in the present Institution	8/5/2004	Date of Retirement:	30/11/2038
S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after	Recommendation/Suggestions by Academic Advisors
		Curricular Asp	Observation	
5	Annual Curricular plan	and evaluation made avialable at the beginning of semester		
6	Curriculum enrichment / Value addition	Assignment and notes are available. Videos were shown regarding	· · · · · · · · · · · · · · · · · · ·	
7	Whether conducting Add on Courses & role in conduct of course	No	C	
8	Feedback from students	Feed back is collected at the semester end	A	
	,	Teaching, Learning an	d Evaluation	L
9	Teaching Diary & Teaching Plan	Teaching plan and diary prepaed at the beginning	A	
10	Coverage of syllabus so far (%)	100%		
11	Record of students attendance	Yes, available, attached in course file	Â	
12	Use of ICT - PPT & Audio-video Aids	Yes	В	\
13	Record of students assignments	Yes, available, attached in course file	В	
14	Record of field trips	Yes, available	A	
THE S	Record of student seminars conducted	Yes, available, attached in course file	P,	
16	Record of academic competitions conducted if any (Quiz, Role play)	Yes	В	
17	Other Student centric learning Methods	No	С	
18	Record of Extension Lectures given	No	С	
19	Record of invited lectures arranged	Yes	.A	

S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Suggestions by Academic Advisors
20 1	Record of internal examinations and University Exams	Yes - Internal Examination record is available. University exam. record is with Examination Section	Ä,	
21	Pass percentage of University Exams / Semester in respective subject for the last three years.(paper wise)	Yes- Available in APR	A	
//	Record of remedial classes conducted for slow learners	No	NA	
	R	lesearch, Extension an	d consultancy	
/ ) I	Record of Research work (,Paper publication, Book publication, Articles)	Yes, available	A	
24	Record of Student Projects	Yes, available	Α	
25	Record of seminars / workshops attended / organized /Papers presented	Yes, available	A	
26	Record of extension work undertaken	Nil	С	
27	Record of MoUs, if any	Nil	C	
28	Record of Consultancy work	Nil	<u> </u>	
	I	nfrastructure and learn	ing Resources	
29	Utilization of Departmental Library	NA	NA	
30	Availability of CDs,Videos	Yes	R	
	Virtual labs / Open Educational Resources (OERs)	Yes, relevant you tube videos are shown and discussed with the students.	В	
1	Development of any educational resource	No	Ç	
		Student support and p	progression	
32	Record of Activities conducted to contribute to the students' career opportunities	Yes	A	
33	Mentoring / Counselling to students for curricular and co-curricular activities	Yes	В	
	Newspaper clippings or other materials as additional resource	Yes	A	
	Any Student team project for Technology Development	Characterizaion of Turmeric leaves for Ayurvedic Utilization	В	

S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Suggestions by Academic Advisors
35	Record of additional administrative responsibilities performed	Yes, member of different University Committes	A	
36	Record of innovative practices	Nil	C	
37	Any outstanding contribution	Can't Say		
38	Whether above( related activities )entered in into Departmental Activities Register	Yes	A	
39	Maintenance of Departmental Activities Register	Yes	A	
40	Check Departmental Documentation ( should be available with I/c of dept.)  1. Dept. Time Table  2. Faculty-wise Annual Curricular Plans  3. Facultywise wise Teaching Diary & Plans  4. Departmental Activity Register along with documentary Evidences  5. Faculty wise API formats along with Evidences	Available	Α	P
	Signature of the Faculty member  Note: the Format is to be filled by all the faculty and certified by the Principal			of the Head of Department
	and submitted to the Academic Audit			

Format - II (To be filled individually by Faculty Member)

Centre/SubCentre: Dr. BATU.

Lonere -Campus

District:

Raigad

	Zonere -Campus			
1	Name of the College and Address	Department of Pet	rochemical Engineering	g, DBATU, Lonere Raigad
2	Name of the Faculty Member	Dr. Sonali M Mhatre		
3	Name of the Subject taught during academic year 2019-20	M	TO-I, MTO -II, PDE-	I, PDE-II
4	Date of Joining in Degree College/Date of Joining in the present Institution	17/07/13	Date of Retirement:	31/05/1938
S.No.	Activity	Status (Give Details, not just Yes/No)	Impression of Academic Advisor slong with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Suggestions by Academic Advisors
		Curricular Asp	pects	
5	Annual Curricular plan	Yes, attached with course file	A	
6	Curriculum enrichment / Value addition	Yes	Α	
7	Whether conducting Add on Courses & role in conduct of course	no	С	
8	Feedback from students	yes, on departmental level	B	
		Teaching, Learning ar	d Evaluation	
9	Teaching Diary & Teaching Plan	Yes, attached with course file	A	
10	Coverage of syllabus so far (%)	almost 100 %	A	Section 19
11	Record of students attendance	Yes, attached with course file	В	
12	Use of ICT - PPT & Audio-video Aids	Yes, mentioned in course file and available in google classroom	Þ	
13	Record of students assignments	yes, Course file and GOOGLE classroom	В	
14	Record of field trips	no	С	
15	Record of student seminars conducted	yes, departmental Level	А	
16	Record of academic competitions conducted if any (Quiz, Role play)	no	C	
17	Other Student centric learning Methods	Yes, use of google class and whatsapp groups for teaching learning process	A	
18	Record of Extension Lectures given	no	С	
19	Record of invited lectures arranged	no	c	
20	Record of internal examinations and University Exams	yes	A	

S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Suggestions by Academic Advisors
21	Pass percentage of University Exams / Semester in respective subject for the last three years.(paper wise)	MTO-I, MTO-II, PDE-I, PDE-II	В	
22 .	Record of remedial classes conducted for slow learners	no	NA	
	R	esearch, Extension ar	nd consultancy	
23	Record of Research work (Paper publication, Book publication, Articles)	no	, c	
24	Record of Student Projects	yes, departmental Level	В	
25	Record of seminars / workshops attended / organized /Papers presented	Yes	A	
26	Record of extension work undertaken	no	C	
27	Record of MoUs, if any	no	C	1
28	Record of Consultancy work	no	C	
	I	afrastructure and learn	ing Resources	
29	Utilization of Departmental Library	not available	NA	
30	Availability of CDs,Videos	in University Library	13	
31	Virtual labs / Open Educational Resources (OERs)	yes	B	
	Development of any educational resource	ppts and videos made vailable to students	/B	
		Student support and	progression	
32	Record of Activities conducted to contribute to the students' career opportunities	no	С	
33	Mentoring / Counselling to students for curricular and co-curricular activities	yes	B	
34	Newspaper clippings or other materials as additional resource	yes	В	
	Any Student team project for Technology Development	no	c	
		Governance and L	eadership	
35	Record of additional administrative responsibilities performed	yes, record available with department	A	
36	Record of innovative practices	no	<i>C</i> .	
37	Any outstanding contribution	can't say		
38	Whether above( related activities )entered in into Departmental Activities Register	yes	/A	
39	Maintenance of Departmental Activities Register	yes	A	

S.No.	Activity	Status (Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Suggestions by Academic Advisors
40	Check Departmental Documentation ( should be available with I/c of dept.)  1. Dept. Time Table  2. Faculty-wise Annual Curricular Plans  3. Facultywise wise Teaching Diary & Plans  4. Departmental Activity Register along with documentary Evidences  5. Faculty wise API formats along with Evidences		В	
	Signature of the Faculty member	all of .	Signature	of the Head of Department
	Note: the Format is to be filled by all the faculty and certified by the Principal and submitted to the Academic Audit Team.	•		

Format - II ( To be filled individually by Faculty Member)

Centre/Sub Centre: Dr. BATU. Raigad District Lonere - Campus Name of the College and Address Department of Petrochemical Engineering, DBATU, Lonere Raigad Name of the Faculty Member Prof. Rawoot Lubna Yunus Odd Sem: Petrochemical Engineering II (BTPCC505), Elective VII (Advanced Petroleum Refining PC705), Petrochemical Synthesis Lab Name of the Subject taught during (PC709), Mass Transfer Operations 1 lab (BTCHL508) Even Sem: Petrochemical Engineering-1 (BTPCC406), Elective III (Heat Transfer Equipment Design), Petrochemical Engineering-I Lab (BTPCL412) academic year Date of Joining in Degree College/Date of Joining in the present 16-07-2019 Date of Retirement 31-05-2020 Institution Impression of Academic Advisor along wi grade A(Good)/B( Satisfactory)/C (poor) after Observation S.No. Recommendation/Suggestions by Academic Advisors Activity Status ( Give Details, not just Yes/No) Curricular Aspects Yes - course schedule and interna Annual Curricular plan assesment made avialable at the beginning of semester Assignment & notes were made avialable. As well as videos were shown Curriculum ennchment / Value addition regarding different topics Whether conducting Add on Courses & role in conduct of course Feedback from students ter end B Teaching, Learning and Evaluation feedback collected at the semester end Teaching Diary & Teaching Plan ves, availble in course file 10 Coverage of syllabus so far (%) 100% o in odd sem & 70% o in even sem 11 Record of students attendance yes, available in course file Use of ICT - PPT & Audio-video Aids 13 Record of students assignments res 14 Record of field trips 15 Record of student seminars conducted Record of academic competitions 16 C conducted if any (Quiz, Role play) Other Student centric learning Methods google classroom for sharing notes B Record of Extension Lectures given C 18 C 19 Record of invited lectures arranged Record of internal examinations and 20 Internal exam record is available. University Exams PE II: 100%, MTO I Lab: 100%, PS Pass percentage of University Exams / Lab: 100%, PE I: 100 %, HTED: Semester in respective subject for the A 71.4%, APR: 84.48% PE-I Lab: 100% last three years. (paper wise) Record of remedial classes conducted 22 for slow learners Research, Extension and Record of Research work (Paper C publication, Book publication, Articles) Record of Student Projects 24 Record of seminars / workshops attended / organized /Papers presented 26 Record of extension work undertaken nil 27 Record of MoUs, if any nd 28 Record of Consultancy work Infrastructure and learning Resources C Utilization of Departmental Library 30 Availability of CDs, Videos nil not availble for Petrochemical Virtual labs / Open Educational B Resources (OERs) Engineering labs Development of any educational C resource Student support and progression Record of Activities conducted to contribute to the students' career C 32 opportunities Mentoring / Counselling to students В

C\_

33

for curricular and co-curricular activities Newspaper clippings or other materials

as additional resource

S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Suggestions by Academic Advisors
	Any Student team project for Technology Development		C	
		Gov	ernance and Leadership	
35	Record of additional administrative responsibilities performed	Departmental Exam Co-ordinator, Third year class teacher	А	
36	Record of innovative practices	no		
37	Any outstanding contribution	no	+	***************************************
38	Whether above( related activities )entered in into Departmental Activities Register	•	С	
39	Maintenance of Departmental Activities Register		C	
40	Check Departmental Documentation (should be available with I/c of dept.)  1. Dept. Time Table  2. Faculty-wise Annual Curricular Plans  3. Facultywise wise Teaching Diary & Plans  4. Departmental Activity Register along with documentary Evidences  5. Faculty wise API formats along with Evidences	yes	À	Yar
	Signature of the Faculty member	Baure.		Signature of the Head of Depar
	Note: the Formai is to be filled by all the faculty and certified by the Principal and submitted to the Academic Audic Team.			

#### Format - II ( To be filled individually by Faculty Member)

District:

Raigad

Centre/SubCentre: Dr. BATU. Lonere - Campus

	Campus				
1	Name of the College and Address	Department of Petrochemical Engineering, Dr. BATU, Lonere Raigad			
2	Name of the Faculty Member	Pradip S. Nande			
3	Name of the Subject taught during academic year 2020-21	1 Fluid Flow Oti- (PTC)/C 20212 P			
4	Date of Joining in Degree College/Date of Joining in the present Institution	16-07-2019	Date of Retirement:	31-05-2020	
S.No. Activity		Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation Suggestions by Academic Advisors	
		Curricular Aspects	***************************************		
•	Annual Curricular plan	Yes - course schedule is available at the beginning of semester.	A		
6	Curriculum enrichment / Value addition				
7	Whether conducting Add on Courses & role in conduct of course	No	C		
8	Feedback from students	feed back collected at the semester end	А		
		Teaching, Learning and Evalu	ation		
9	Teaching Diary & Teaching Plan	Available in Course File	A		
10	Coverage of syllabus so far (%)	More than 90	А		
11	Record of students attendance	Yes, available in Course File	A .		
12	Use of ICT - PPT & Audio-video Aids	Yes	l A		
13	Record of students assignments	No	C'		
14	Record of field trips	No	C		
15	Record of student seminars conducted	Yes	В		
6	Record of academic competitions conducted if any (Quiz, Role play)	No	c		
17	Other Student centric learning Methods	No			
	Record of Extension Lectures given	No	C		
19	Record of invited lectures arranged	No	c		
20	Record of internal examinations and University Exams	Yes -Avialable in Course File	A		
21	Pass percentage of University Exams / Semester in respective subject for the last three years.(paper wise)	1. Fluid Flow Operations [BTCHC 303]-74% 2. Process Economics & Project Management [CH 702]-100% 3. Process Design, Flowsheeting & Simulation [CH708]-100% 4. Heat Transfer Operations [BTCHC 403]-100% 5. Process Economics & Project Management [BTCHC 603]-98,41%			
22	Record of remedial classes conducted for slow learners	No NA			

S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/ Suggestions by Academic Advisors				
	Research, Extension and consultancy							
23	Record of Research work (,Paper publication, Book publication, Articles)	Nil	С					
24	Record of Student Projects	Yes avialable	A					
25	Record of seminars / workshops attended / organized /Papers presented	Yes	A					
26	Record of extension work undertaken	Nil	C					
27	Record of MoUs, if any	Nil	С					
28	Record of Consultancy work	Nil						
		Infrastructure and learning Res	ources					
29	Utilization of Departmental Library	No	C					
30	Availability of CDs, Videos	No	· c					
31	Virtual labs / Open Educational Resources (OERs)	No ·	С					
	Development of any educational resource	No	C					
		Student support and progress	sion					
32	Record of Activities conducted to contribute to the students' career opportunities	Organized 15 days workshop on AutoCAD.	Â					
33	Mentoring / Counselling to students for curricular and co-curricular activities	No	C					
34	Newspaper clippings or other materials as additional resource	Nil	С					
	Any Student team project for Technology Development	No	С					
	Governance and Leadership							
35	Record of additional administrative responsibilities performed	No	c					
36	Record of innovative practices	Nil	C					
37	Any outstanding contribution	No	С					
38	Whether above( related activities )entered in into Departmental Activities Register	Yes	В					
39	Maintenance of Departmental Activities Register	Yes	A					

S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/ Suggestions by Academic Advisors
40	Check Departmental Documentation ( should be available with I/c of dept.)  1. Dept. Time Table  2. Faculty-wise Annual Curricular Plans  3. Facultywise wise Teaching Diary & Plans  4. Departmental Activity Register along with documentary Evidences  5. Faculty wise API formats along with Evidences		À	J
	Signature of the Faculty member	PSNande	Signature of the H	ead of Department
•	Note: the Format is to be filled by all the faculty and certified by the Principal and submitted to the Academic Audit Team.			

#### Format - II ( To be filled individually by Faculty Member)

District:

Raigad

Centre/SubCentre: Dr. BATU. Lonere -

Campus Department of Petrochemical Engineering, DBATU, Lonere Raigad Name of the College and Address Name of the Faculty Member Prof. Prajakta Santosh Pore Odd sem-Mechanical Operation (BTCHC304), Mechanical Operation Lab (BTCHL309), Name of the Subject taught during academic 3 Chemical Reaction Engineering lab-I (BTCHL509); Even sem- Plant Utility and Plant Safety(BTCHC 605), Chemical Reaction Engineering lab-II (BTCHL 609) Date of Joining in Degree College/Date of 4 31/05/2020 16/07/2019 Date of Retirement: Joining in the present Institution Impression of Status ( Give Details, not just Recommendation/Suggestions S.No. Activity Academic Advisor by Academic Advisors Yes/No) along with grade Curricular Aspects Yes - course schedule and internal 5 Annual Curricular plan A assesment made avialable at the beginning of semester Notes were made available. As 6 Curriculum enrichment / Value addition well as videos were shown regarding different topics Whether conducting Add on Courses & role 7  $\mathcal{C}$ in conduct of course feed back collected at the semester 8 Feedback from students B Teaching, Learning and Evaluation 9 Teaching Diary & Teaching Plan Available in course file 10 Coverage of syllabus so far (%) 11 Record of students attendance available in course file 12 Use of ICT - PPT & Audio-video Aids Yes Record of students assignments Yes - available 13 Record of field trips 14 No 15 Record of student seminars conducted Yes Record of academic competitions conducted No C 16 if any (Quiz, Role play) 17 Other Student centric learning Methods Google Classroom Record of Extension Lectures given Nil No 19 Record of invited lectures arranged Internal examinations record is Record of internal examinations and A 20 available University Exams MO(50.64%), MO Lab(97.4%), Pass percentage of University Exams / CRE-I Lab(98.41%), A 21 Semester in respective subject for the last PUPS(98.41%), CRE-II three years.(paper wise) Lab(98.41%) Record of remedial classes conducted for No 22 slow learners Research, Extension and consultancy Record of Research work (,Paper Nil 23 publication, Book publication, Articles) Yes available Record of Student Projects 24 Record of seminars / workshops attended / B Yes 25 organized /Papers presented Record of extension work undertaken Nil 26 Nil 27 Record of MoUs, if any Nil Record of Consultancy work 28 Infrastructure and learning Resources Utilization of Departmental Library No 29 Availability of CDs, Videos No 30 Virtual labs / Open Educational Resources Yes 31 No Development of any educational resource Student support and progression

S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor	Recommendation/Suggestions by Academic Advisors
32	Record of Activities conducted to contribute to the students' career opportunities	No	C	
33	Mentoring / Counselling to students for eurricular and co-curricular activities	Yes	А	
34	Newspaper clippings or other materials as additional resource	No	С	
	Any Student team project for Technology Development		-	
		Governance and Leader	ship	
35	Record of additional administrative responsibilities performed	Second year Class teacher	A	
36	Record of innovative practices	Nil	C	
37	Any outstanding contribution	No	C	
38	Whether above( related activities )entered in into Departmental Activities Register	-	<i>r</i>	
39	Maintenance of Departmental Activities Register	-	_	
40	Check Departmental Documentation ( should be available with I/c of dept.)  1. Dept. Time Table  2. Faculty-wise Annual Curricular Plans  3. Facultywise wise Teaching Diary & Plans  4. Departmental Activity Register along with documentary Evidences  5. Faculty wise API formats along with Evidences	Available	Ĥ	VPar
	Signature of the Faculty member	Paor	Signa	ature of the Head of Departmen
	Note: the Format is to be filled by all the faculty and certified by the Principal and submitted to the Academic Audit Team.			

Format - II (To be filled individually by Faculty Member)

Record of internal examinations and

University Exams

20

	Centre/SubCentre: Dr. BATU. Lonere -Campus	•	District	Raigad
1	Name of the College and Address	Department of Petroc	hemical Engineering, D	BATU, Lonere Raigad
2	Name of the Faculty Member	Dr Sanjay Danao		
3	Name of the Subject taught during academic year	Process Equipment Design & Drawing, Transport Phenomena Mathematical Methods in Chemical Engineering, Entrepreurship Development Numerical Methods in Chemical Engineering (Practical)		
4	Date of Joining in Degree College/Date of Joining in the present Institution	24-07-2019	Date of Retirement:	31-05-2020
S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Suggestions by Academic Advisors
		Curricular Aspec	ts	
5	Annual Curricular plan	Prepared and submitted	A	
6	Curriculum enrichment / Value addition	Research Papers, Industry oriented study material	A	
7	Whether conducting Add on Courses & role in conduct of course	Industrial Water Management	A	
8	Feedback from students	Excellent	P	
		Teaching, Learning and I		
9	Teaching Diary & Teaching Plan	Prepared and submitted	A	
10	Coverage of syllabus so far (%)	100%	l A	
11	Record of students attendance	Maintained and submitted	B	
12	Use of ICT - PPT & Audio-video Aids	Used a s supportive tools	В	
13	Record of students assignments	Maintained and submitted	В	
14	Record of field trips	CETP Mahad visits	A	
15	Record of student seminars conducted	Done	В	
16	Record of academic competitions conducted if any (Quiz, Role play)	Done	В	
17	Other Student centric learning Methods	Case studies, Videos, Group discussion, Group activities	A	
18	Record of Extension Lectures given	Yes	A	
19	Record of invited lectures arranged	Yes	À	

A

Done and maintained

S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Suggestions by Academic Advisors
21	Pass percentage of University Exams / Semester in respective subject for the last three years.(paper wise)	Process Equipment Design & Drawing- 86.20%, Transport Phenomena-100% Mathematical Methods in Chemical Engineering-100%, Entrepreurship Development- 100% Numerical Methods in Chemical Engineering (Practical)-100%	₿	
22	Record of remedial classes conducted for slow learners	NA	AA	
		Research, Extension and c	onsultancy	
23	Record of Research work (,Paper publication, Book publication, Articles)	No	С	•
24	Record of Student Projects	Yes	A	
25	Record of seminars / workshops attended / organized /Papers presented	Yes	A	
26	Record of extension work undertaken	Yes	B	
27	Record of MoUs, if any	NA	C	
28	Record of Consultancy work	NA Infrastructure and learning	Resources	
20	11.3	1		
29	Utilization of Departmental Library	Yes	В	
30	Availability of CDs,Videos  Virtual labs / Open Educational Resources (OERs)	Yes NA	c	
	Development of any educational resource	NA	С	
		Student support and pro	gression	
32	Record of Activities conducted to contribute to the students' career opportunities	Organized various workshops	A	
33	Mentoring / Counselling to students for curricular and co-curricular activities	Very well done	В	
34	Newspaper clippings or other materials as additional resource	-	-	
	Any Student team project for Technology Development	Yes	В	
		Governance and Lead	ership	
35	Record of additional administrative responsibilities performed	Yes	В	
36	Record of innovative practices	Yes	В	
37	Any outstanding contribution	Industry oriented activities	A	
38	Whether above( related activities )entered in into Departmental Activities Register	Yes	A	
39	Maintenance of Departmental Activities Register	Yes	A	

S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Suggestions by Academic Advisors
40	Check Departmental Documentation ( should be available with I/c of dept.)  1. Dept. Time Table  2. Faculty-wise Annual Curricular Plans  3. Faculty-wise wise Teaching Diary & Plans  4. Departmental Activity Register along with documentary Evidences  5. Faculty wise API formats along with Evidences	Yes	-A.	
	Signature of the Faculty member	Dr Sanjay Danao	Signature	of the Head of Departmen
	Note: the Format is to be filled by all the faculty and certified by the Principal and submitted to the Academic Audit Team.			

#### Dr. Babasaheb Ambedkar Technological University Academic Audit of Engineering Colleges

#### Format - II ( To be filled individually by Faculty Member)

District:

Raigad

Centre/SubCentre: Dr. BATU. Lonere -

Campus

1	Name of the College and Address	Department of Petrochem	ical Engineering, Dr. BATU, Lo	nere Raigad
2	Name of the Faculty Member	Sheraj Z. Sayyed	near Engineering, Dr. DATO, De	mere Raigad
3	Name of the Subject taught during academic year 2020-21	1.Elective - VIII [Pollution Control Instrumentation and Control Lab [CH 704] 4. Heat Transfer Operation Polymer Science & Engineering	CH 707] 3. Process Equipment I ions Lab [BTCHL 708] 5. Electi	Design and Drawing
4	Date of Joining in Degree College/Date of Joining in the present Institution	16-07-2019	Date of Retirement:	31-05-2020
S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation Suggestions by Academic Advisors
		Curricular Aspects		
5	Annual Curricular plan	Yes - course schedule is available at the beginning of semester.	В	
6	Curriculum enrichment / Value addition		C	
7	Whether conducting Add on Courses & role in conduct of course	No	С	
8	Feedback from students	feed back collected at the semester end	В	
7440 THE RES		Teaching, Learning and Evalua	ation	
9	Teaching Diary & Teaching Plan	Yes	A	
10	Coverage of syllabus so far (%)	More than 90	A	
11	Record of students attendance	Yes, available in APR	Α	
12	Use of ICT - PPT & Audio-video Aids	Yes	В	
13	Record of students assignments	No	<u> </u>	
14	Record of field trips	No	С	
15	Record of student seminars conducted	Yes	В	
16	Record of academic competitions conducted if any (Quiz, Role play)	No	C	
17	Other Student centric learning Methods	No	C	
18	Record of Extension Lectures given	No	. C	
	Record of invited lectures arranged	No	C	
20	Record of internal examinations and University Exams	Yes	A	
21	Pass percentage of University Exams / Semester in respective subject for the last three years.(paper wise)	1.Elective - VIII [Pollution Control Instrumentation and Control Lab [C Drawing Lab [CH 704]-87.93 % 4. 100% 5. Elective – XI [Introduction 100%	CH 707] - 100% 3. Process Equi Heat Transfer Operations Lab [	pment Design and BTCHL 408] -
77 1	Record of remedial classes conducted for slow learners	No	-NA	

S.No.	Activity .	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation Suggestions by Academic Advisors
		Research, Extension and consul	tancy	
23	Record of Research work (,Paper publication, Book publication, Articles)	Nil	c	
24	Record of Student Projects	Yes avialable	A	
25	Record of seminars / workshops attended / organized /Papers presented	Yes	В	
26	Record of extension work undertaken	Nil	C	
27	Record of MoUs, if any	Nil	С	
28	Record of Consultancy work	Nil	C	
		Infrastructure and learning Res	ources	
29	Utilization of Departmental Library	No	NA	
30	Availability of CDs, Videos	No	C	
31	Virtual labs / Open Educational Resources (OERs)	No	C	
	Development of any educational resource	No	Ç	
		Student support and progress	ion	
32	Record of Activities conducted to contribute to the students' career opportunities	No	C	e)
33	Mentoring / Counselling to students for curricular and co-curricular activities	No	C	
34	Newspaper clippings or other materials as additional resource	Nil	C	
	Any Student team project for Technology Development	No	25	
	*	Governance and Leadership	)	
35	Record of additional administrative responsibilities performed	No	c	
36	Record of innovative practices	Nil	NA	
37	Any outstanding contribution	No	C	
38	Whether above( related activities )entered in into Departmental Activities Register	Yes	А	
39	Maintenance of Departmental Activities Register	Yes	A	

Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation, Suggestions by Academic Advisors
		A	P
Signature of the Faculty member  Note: the Format is to be filled by all the faculty and certified by the Principal and		Signature of the H	ead of Departmen
	Check Departmental Documentation ( should be available with I/c of dept.)  1. Dept. Time Table  2. Faculty-wise Annual Curricular Plans  3. Facultywise wise Teaching Diary & Plans  4. Departmental Activity Register along with documentary Evidences  5. Faculty wise API formats along with Evidences  Signature of the Faculty member  Note: the Format is to be filled by all the	Check Departmental Documentation ( should be available with I/c of dept.)  1. Dept. Time Table  2. Faculty-wise Annual Curricular Plans  3. Facultywise wise Teaching Diary & Plans  4. Departmental Activity Register along with documentary Evidences  5. Faculty wise API formats along with Evidences  Signature of the Faculty member  Note: the Format is to be filled by all the	Activity  Status (Give Details, not just Yes/No)  Advisor along with grade A(Good)/B(Satisfactory)/C (poor) after Observation  Check Departmental Documentation (should be available with I/c of dept.)  Dept. Time Table  Faculty-wise Annual Curricular Plans  Facultywise wise Teaching Diary & Plans  Departmental Activity Register along with documentary Evidences  Faculty wise API formats along with Evidences  Signature of the Faculty member  Note: the Format is to be filled by all the

#### Dr. Babasaheb Ambedkar Technological University

#### Academic Audit of Engineering Colleges

#### Format - II ( To be filled individually by Faculty Member)

Centre/SubCentre: Dr. BATU. Lonere -

	Campus  Campus		District	Raigad
1_	Name of the College and Address	Department of Petrochem	ical Engineering, Dr. BATU, Lo	nere Raigad
2	Name of the Faculty Member	Abhishek K. Saxena	6,	mere rungue
3	Name of the Subject taught during academic year 2020-21	1. Elective-I [Green Technology] [BTCHL 308] 3. Elective-II Chem 4.Petrochemical Engineering Labo Laboratory – II [BTCHL 608] 6. E[BTCHE 606] 7. Elective - X [Dis	istry of Petroleum Hydrocarbons ratory - II [BTCHL 510] 5. Mas Elective III [Catalyst Science and	s [BTCHE 506] s Transfer Technology]
4	Date of Joining in Degree College/Date of Joining in the present Institution	16-07-2019	Date of Retirement:	31-05-2020
S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation Suggestions by Academic Advisors
		Curricular Aspects		
5	Annual Curricular plan	Yes - course schedule is available at the beginning of semester.	A	
6	Curriculum enrichment / Value addition			
7	Whether conducting Add on Courses & role in conduct of course	No	С	
8	Feedback from students	feed back collected at the semester end	В	
		Teaching, Learning and Evalu	ation	*
9	Teaching Diary & Teaching Plan	Yes	h	
10	Coverage of syllabus so far (%)	More than 90	A	
11	Record of students attendance	Yes, available in APR	A	
12	Use of ICT - PPT & Audio-video Aids	Yes	A	
13	Record of students assignments	No	Ċ	
14	Record of field trips	No	C	
15	Record of student seminars conducted	Yes	A	
16	Record of academic competitions conducted	No	ا د	
	if any (Quiz, Role play)			
17	Other Student centric learning Methods	No	<u></u>	
	Record of Extension Lectures given	No	C	
19	Record of invited lectures arranged	No		
20	Record of internal examinations and University Exams	Yes	Α	
21	Pass percentage of University Exams / Semester in respective subject for the last three years.(paper wise)	1. Elective-I [Green Technology] [Lab [BTCHL 308] - 97.40 % 3. El [BTCHE 506] - 98.41 % 4.Petroch 98.41% 5. Mass Transfer Laborate [Catalyst Science and Technology Management in Chemical Industrial	lective-II Chemistry of Petroleun nemical Engineering Laboratory ory – II [BTCHL 608] - 98.41% ] [BTCHE 606]-100% 7. Electiv	Hydrocarbons II [BTCHL 510]- Elective III
22	Record of remedial classes conducted for slow learners	No	NA	

S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/ Suggestions by Academic Advisors
		Research, Extension and consu	ltancy	
23	Record of Research work (,Paper publication, Book publication, Articles)	Nil	c	
24	Record of Student Projects	Yes avialable	A	
25	Record of seminars / workshops attended / organized /Papers presented	Yes	Ą	
26	Record of extension work undertaken	Nil	C	
27	Record of MoUs, if any	Nil	C -	
28	Record of Consultancy work	Nil	C	
	•	Infrastructure and learning Res	ources	
29	Utilization of Departmental Library	No	HA	
30	Availability of CDs, Videos	No	NA	
31	Virtual labs / Open Educational Resources (OERs)	No	c	
	Development of any educational resource	No	С	
		Student support and progress	sion	
32	Record of Activities conducted to contribute to the students' career opportunities	No	Ċ	
33	Mentoring / Counselling to students for curricular and co-curricular activities	No	C	
34	Newspaper clippings or other materials as additional resource	Nil	С	
	Any Student team project for Technology Development	No	С	
		Governance and Leadershi	p	
35	Record of additional administrative responsibilities performed	No	С	
36	Record of innovative practices	Nil		
	Any outstanding contribution	No	_	
38	Whether above( related activities )entered in into Departmental Activities Register	Yes	A	
40 1	Maintenance of Departmental Activities Register	Yes	A	

S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/ Suggestions by Academic Advisors
	Check Departmental Documentation ( should be available with I/c of dept.)  1. Dept. Time Table  2. Faculty-wise Annual Curricular Plans  3. Facultywise wise Teaching Diary & Plans  4. Departmental Activity Register along with documentary Evidences  5. Faculty wise API formats along with Evidences	eta como nan-meso an et	A	l
	Signature of the Faculty member		Signature of the H	ead of Department
•	Note: the Format is to be filled by all the faculty and certified by the Principal and submitted to the Academic Audit Team.			

#### Dr. Babasaheb Ambedkar Technological University

#### Academic Audit of Degree Colleges

#### Format for Student Strength Particulars

Zone:

District : Raigad

Date of Audit: 22/10/2021

Year- 2019-20

Name of the College, Place: Dr. Babasaheb Ambedkar Technological University, Lonere, Department of Petrochemical Engineering

SL		A2-08/08/08/09/09/09/09/09/09/09/09/09/09/09/09/09/		SANCTIONED			0					A	DMITTE	D STR	ENGTI	I							
No	GROUP	COMBINATION	YEAR	STRENGTII	Total MEN	Total WOMEN	TOTAL	SC (M)	SC (W)	ST (M)			NT/DT (W)	OBC (M)	OBC (W)	TFWS (M)	TFWS (W)	OPEN( M)	OPEN( W)	VJNT( M)	VJNT( W)		SBC (W)
1	UG	Petrochemical	1	60+3	29	9	38	5	1	0	0	3	2	7	3	0	0	10	2	1	0	3	1
2	UG	Petrochemical	II	63+15	64	12	76	7	3	1	0	3	0	24	5	0	0	28	4	0	0	1	0
3	UG	Petrochemical	ш	63+15	63	5	68	9	1.	1	1	0	0	19	2	0	0	23	2	7	0	3	0
4	UG	Petrochemical	IV	63+15	47	12	59	4	2	0	0	1	0	17	5	3	0	16	5	5	0	1	0

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## Dr. Babasaheb Ambedkar Technological University Academic Audit of Department of Petrochemical Engineering

#### Action Taken Report by Head of the Department(ATR)

	I - DEI	PARTMENT	r Profile					
1	Name of the University Department, Website, email and Ph. No.	Department of Petrochemical Engineering ,Dr.BATU- Lonere Campus						
2	Name of the HoD, email & Mob.No	Prof. V.P. Jaw	vanjal, vpjawanjal@dbatu.ac.in, 9423890	0578				
3	Name of the Vice-Principal, email & Mob. No.	Not applicable						
4	Name of the IQAC Coordinator, email & Mob. No.	Dr.L.N. Singh	Insingh@dbatu.ac.in, 8087369025					
5	Year of Establishment & own land if any	1989 , Yes						
6	NBA accreditation	Not at present	, Accredition twice in the past i.e 200	03-2006, 2007-2012				
7	NAAC Grade with Cycle, Accredited Year & CGPA (if not Accredited Status of Preparations)		cycle 2015.2.35 NAAC executive comn abasaheb Ambedkar Technological Un	nittee no and date - EC(SC)_05_A&A_083 dated siversity Lonere Raigad				
8	UGC Recognition (2F & 12 B)	Yes		E				
9	College Working Hours( if shift system mention details of both shifts & give reasons for shift system)		9.00 a.m 6.00 p.m.					
10	No. of Posts Sanctioned: 07	Regular Working: 03	Contract Working: 06	Guest Working: Nil				
11	Course wise & Year wise Students strength particulars ( Proforma enclosed & to be submitted along with AAR)		Copy attached.					
	II - CU	RRICULAI	R ASPECTS	•				
			endation/Suggestions by Academic Advisor//B( Satisfactory)/C (poor) after observation					
	Item	Grade	Recommendation	Department				
12	Implementation of Annual Institutional Plan	В	Plan is available	2019-2020 Record is maintained				
13	Departmental Annual Curricular Plans	В	Plan need to be more exhaustive	Detailed plan is prepared				

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	Whether above two circulated among students	В	Prepared but records not avialable	Yes
15	Departmental Activity Register during the academic year	A	•	Up to date Maintained
16	Add-on Courses (Department-wise) completed during 2018-2019	В	More motivation for participation and record for the same should be maintained	Partial participation for NPTEL courses by students
17	Add-on Courses (Department-wise) in 2019-2020	A	Record is available	Partial participation for NPTEL courses by students
18	Coverage of Syllabus (Average Percentage)	A	Actual implementation needs to be in lined with plan	
19	Teaching of Humanities & Foundation Courses	A	Present in curriculum	
20	No. of New UG & PG Courses introduced this year:	NA		
21	Maintenance of Student Attendance Registers	A	Maintained	
22	Feedback forms on Curriculum from students	A	In Place	
	III - TEACHING,	LEARNIN	IG AND EVALUATION	
23	Teaching Diaries & Plans in the Prescribed Formats	В	Requires improvement	Maintained
24	Co-Curricular Activities ( Depertment Level)	В	Needs enhancement	Record is avialable
25	Academic Competitions ( College & Above level)	В	Records are avialable	Record is avialable
26	Conduct of Internal Examinations	A	Rubrics needs to be implemented for constant assesment	Examination papersetting are planned as per the guidelines of Bloom's
27	Subject wise result analysis	A	Available in APR of individual Faculty	
28	Teacher wise result analysis	A	Available	
29	Remedial Classes	В	Tutorials are conducted	Tutorials and online guidence are made avialable
30	Record of Evaluation of Teachers by Students	A	In place	
	IV - RESEA	RCH AND	CONSULTANCY	
		1		

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32	No. of Research Guides in the College	NA	Faculty is not eligible according to new rules	
33	No. of Research Scholars working for Masters & Ph. D		all all	
34	Major/Minor/Other Research Projects	С	Needs attaintion	Still more focus is required
35	Research Papers Published in previous academic year ( International //National )	В	Improvement is necessary	Partial improvement in place
36	Papers Presented in previous academic year (International /National/	С	Needs Improvement	Partial improvement in place
37	Books Published in previous academic year(Single Author/ Co Author)	С	- 1	Faculty are encouraged to generate e- content
38	Seminars/Workshops/ Training Programme Conducted in previous academic year( International /National/ State )	В	-	Significant improvement is observed
39	Record of Consultancy in previous academic year	С	Requires more efforts	Still more focus is required
40	Record of MOUs in previous academic year	С	Efforts need to be put in	Still more focus is required
	V - EXT	ENSION	ACTIVITIES	
41	Record of Subject/Department Related Extension Activities	В	Needs to be stream line	Partial improvement in place
42	Name of the NSS PO & Mobile No.	NA		
43	NSS Attendance register	NA	Record available at University level	
44	NSS activity register	NA	Record available at University level	
45	Name of the NCC ANO & Mobile No.	NA		
46	NCC Attendance register	NA	Record available at University level	
47	NCC activity register	NA		
48	Name of the Professional Club Coordinator & Mobile No.	С	Needs to start professional body chapter	Still more focus is required
49	Professional Club Activities	С	A CONTRACTOR OF THE CONTRACTOR	Still more focus is required
50	Name of the Women Empowerment Cell(WEC) Coordinator & Mobile No.	NA		

VI-

51	WEC Activities	NA		
52	Name of the Eco-Club Coordinator & Mobile No.	NA		
53	Eco- Club Activities	NA		
54	Name of the Consumer Club Coordinator & Mobile No.	NA		
55	Consumer Club Activities	NA		
56	Any other Club	NA.	-	
	VI	- LEARNING	RESOURCE	•
57	Name of the Librarian & Mob.No	NA		
58	Access timings of the Library	NA		
59	Circulation of Books among Students	A	Number of book need to be added through book bank	Every year required books are purchased
60	Availability of Previous years Question papers	A	*	
61	Record of Visitors	NA	Record available at University level	
62	Status of Library Automation	NA	Record available at University level	
63	e- Resources & e-Journals	NA	Record available at University level	Record is avialable
64	Name of SWAYAM Coordinator & Mob.No	NA		
65	Usage of Internet by students in the Library	NA	Record available at University Level	

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66	Status of SWAYAM facilities functioning	NA	Record available at University Level	
67	Whether SWAYAM schedule is circulated to the students	NA	Record available at University Level	
68	Maintenance of SWAYAM Viewers' Register	NA	Motivation is needed to students to register for SWAYAM platform	Improvement in registration
	VII - STUDE	NT SUPP	ORT ACTIVITIES	
69	Name of Physical Director & Mob.No	NA		
70	Record of Physical Education Department	NA	Department level In-charge to be appointed	Appointed for 2019-2020
71	Records of events conducted and significant achievements in Sports & Games	В	=	Record is avialable
72	Record of cultural programmes conducted	В	Records needs to be maintained	Record is avialable
73	Record of any other extra-curricular activities conducted	A		
74	Maintenance of placement facilities & records	В	Department faculty coordinator needs to be appointed	Appointed for 2019-2020
75	Record of Students trained in different verticals	В	Needs Improvement	Record is avialable
76	Record of Student trained and placed	В	Needs Improvement	Record is placed
77	Name of Career Guidance Coordinator and Mob.No	(#)	•	Record is avialable
78	Record of activities Career Guidance and placement cell	С	Records needs to be maintained	Record is avialable with faculty
79	Name of Dept Review Committee Coordinator & Mob. No.	С	Review committee has to be formed on urgent basis	Review committee is formed
80	Implementation of DRC Action Plan	С	Not Planned	could not be conducted
81	IQAC activities & maintenance of records , (Action Plan/Minutes of Meeting/ submission of AQAR to NAAC etc)	NA	Record available at University level	
82	Record of Support by Alumni Association	В	Needs to be registered	Informal system is in place at department level
83	Record of Grievance Redressal Cell / Anti Ragging Cell	NA		Department faculty are members of these cells at university level
84	Mentoring / Counselling System			Councelling cell is in place

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	VIII - I	BASIC A	MENITIES	
85	Maintenance of drinking water	A	-	
86	Maintenance of Sanitation	В		Status improved
87	Rest room for women students	A	•	
88	Greenery	Α		
89	Cleanliness	В	•	Status improved
90	Health Care Facility	A		
91	Canteen	Α		
	IX - GOVERN	ANCE A	ND LEADERSHIP	
92	Management Committee Register	NA	Record available at University level	
93	Functioning of Committees in Administration ( Minutes of Meetings)	NA	Record available witrh Chemical Engineering Department	
94	Awards/Achievements	С	Requires efforts	Improvement is observed and record avialable
95	Faculty development initiatives if any	В	Record Available	Faculties are motivated to conduct,participate STTP,Workshop and NPTEL courses
	х-	IT INITI	ATIVES	
96	e-class rooms ( Number & Usage)	A	More usage needed	
97	Internet Centre	С	Needs Improvement	Status improved
98	Computer labs ( No. of labs & working systems)	В	Numbers need to improve	

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XI - BEST PRACTICES					
99 Record of best/inr	novative practices by the institution	Λ	- :		
100 College Activity I year	Register & Hard Copy of AQAR previous academic	В	21	Avialable for previous years	
Over All Impressi	on on the Department				

Signature of the Head of Department

## Dr. Babasaheb Ambedkar Technological University Academic Audit of Petrochemical Engineering Department Format for submission of Academic Advisors Report (AAR)

Name of the Department: Petrochemical Engineering

S.No	Item	Grade *	Impression
1	Conduct of Classes	Α	
2	Co-Curricular Activities & Extra-Curricular Activities	Α	
3	College Activity Register	Α	
4	Departmental Activity Registers	Α	
5	Discipline in the campus	Α	
6	IQAC	NA	
7	Placement	С	
8	Departmental research	В	
9	Career Guidance Cell	В	2
10	SWAYAM facilities	В	
11	Library	АИ	
12	Research & Laboratories	В	
13	Games & Sports	В	
14	Humanities and Foundation Courses	A	
15	Teacher Evaluation by Students	Α	
16	Maintenance of Registers	А	
17	Teaching Diaries & Plans	A	
18	NCC/NSS	NA	
19	Women Empowerment Cell	NA	

S.No	Item	Grade *	Impression
20	Professional Club	С	
21	Sanitation & drinking water	В	
22	Cleanliness	В	
23	Functioning of Teachers	А	
24	Over All Impression on the College	A	
25	Any other important Obervation		

*A (Good) /B (Satisfactory)	/C	(Poor
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Signature of Academic Advisors

Me. Mahesh Pueohil)

Shapute (Dr. S. N. Salpute)

Shapute (S. H. Gharat)

#### Academic Audit Summary Sheet: Petrochemical Engineering Department

Institution: Dr. Babasaheb Ambedkar Technological University Lonere-Raigad

Program Title: B. Tech. in Petrochemical Engineering.

Academic Audit Status: Present one 2019-2020 and 2020-2021 (22/10/2021)

First Academic Audit 2014-2015 & 2015-2016 (16/10/2016)

Second Academic Audit 2016-2017 (31/07/2017)
Third Academic Audit 2017-2018 (09/02/2019)
Fourth Academic Audit 2018-2019 (20/11/2019)

Each undergraduate program undergoes either an academic audit or external peer review.

The criteria used to evaluate a program appear in the following "Academic Audit Summary Sheet" have been selected based on the Academic Audit Focal Areas to be consistent with the spirit and process of the Academic Audit.

A check-mark should be placed in the appropriate box to indicate whether a program has "met" or "not met" each criterion in the table. If the % is less than 50% of the target value then the program has not met the objective of the Program.

If a particular criterion is inappropriate or not applicable to the program, the criterion should be marked "NA".

When combined with the self-study and the written report prepared by the visiting team, the Summary Sheet will facilitate institutional development of a program action plan to ensure continuous quality improvement.

#### AUDIT TEAM

Name: Mr. Mahesh Purohit

Title: Sr. Vice President (Work)

Industry: Vinati Organics Ltd. Mahad

Signature:

Date: 22/10/2021

Name: Dr. Sandip Gharat

Title: Professor

Institution: Gharda Institute of Technology, Lavel Ratnagiri

Signature:

Date: 22/10/2021

Name: Dr. Satchidanand Satpute Title: Assistant Head Research,

Institution: Vishwakarma Institute of Technology, Pune

Signature:

Date: 22/10/2021

#### Academic Audit Summary Sheet

Institution/University Department: Petrochemical Engineering.

Program Title: B. Tech. in Petrochemical Engineering.

Degree Level: Undergraduate Program

Academic Audit Status: Present one 2019-2020 and 2020-2021 (22/10/2021)

First Academic Audit 2014-2015 & 2015-2016 (16/10/2016)

Second Academic Audit 2016-2017 (31/07/2017) Third Academic Audit 2017-2018 (09/02/2019) Fourth Academic Audit 2018-2019 (20/11/2019)

#### **Evaluation Results**

Sr. No.		Met / not met	% achieved
1	LEARNING OBJECTIVES AND RESOURCES		
1.1	The Faculty member has prepared Course Files as per the learning objectives of the program	М	80
1.2	The Faculty member has shared his course file with the students of the class through Intranet/ Social media or any other means	M	75
1.3	The faculty member documented specific benchmarks of his course to account for learning objectives	ИМ	40
2	CURRICULUM AND CO-CURRICULUM		
2.1	The faculty member collaborated with other faculty members for effective design, sequence of courses and delivery of course for improvements and documented these efforts appropriately	М	70
2.2	The faculty member documented a plan for analysing the course content in terms of achieving program objectives.	М	60
2.3	The faculty member documented a plan for review of curriculum and co-curriculum comparing those with the best practices elsewhere or in best institutes	M	50
3	TEACHING AND LEARNING PROCESSES		
3.1	The faculty member analysed his/her own methods for improving teaching and learning throughout the program and practiced them.	М	70
3.2	The faculty member developed and promoted effective instructional methods, other than lecturing, so that student achieve the learning objectives.	M	70
3.3	The faculty member developed materials for achieving student mastery of learning objectives.	Μ	60
4	STUDENT LEARNING ASSESSMENT		
4.1	The Faculty member has announced the method of continuous assessment at the beginning of the course and followed it throughout.	Μ	70
4.2	The faculty member developed techniques, other than written test, for the student learning assessments to improve the program.	M	60

The Coulty manher has decompated assessments of student		
	M	60
	- ΛΛ	7.
	(8)	75
continuous improvement plan that incorporates multiple	M	60
measures to assess student learning and program effectiveness.		
The Student has put in his/her own efforts in the learning	M	50
process from resources outside the Institute.	1.1	
The students are challenged enough to use their knowledge	M	65
creatively	1.1	
A CONTRACTOR OF THE PROPERTY O	M	70
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The state of the s	M	60
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Audit.	$ \mathcal{V} $	80
There is documented evidence that recommendations made by		
	M	75
	1.1	13
There is documented evidence that the program has been		-
	The faculty member has developed and documented a continuous improvement plan that incorporates multiple measures to assess student learning and program effectiveness. The Student has put in his/her own efforts in the learning process from resources outside the Institute.  The students are challenged enough to use their knowledge creatively  QUALITY ASSURANCE  There is an existing process in the Institute to understand the parameters of quality of teaching and learning processes  There is an initiative to understand the parameters of quality of teaching and learning processes, if not existing.  There is commitment to making continuous quality improvements in the program a top priority  The performance of students in Internal Assessment and University Examinations is comparable.  There is sufficient feedback obtained from stakeholders in development of academic processes in the College.  There is sufficient evidence of attempts to understand the industries/ Society's need in delivery of appropriate course content to the students  OVERALL ASSESSMENT  The Academic Audit process was Faculty driven.  The Academic Audit process was Faculty driven.  The Academic Audit process (self-study and visit) included descriptions of the program's quality processes including all five focal areas.  The Audit resulted in a candid description of weaknesses in program processes and suggestions for improvements.  There is openness and thoroughness of the faculty members in completing the academic audit of this program.  The Academic Audit process included involvement of and inputs from stakeholder groups identified by the program's faculty members  FOLLOW-UP OF PREVIOUS AUDIT  An action plan was developed as a result of the previous Academic Audit.  There is documented evidence that recommendations made by the previous Academic Audit Team have been considered and, when feasible and appropriate, implemented and tracked.	The faculty member has developed measurable indicators of student learning success  The faculty member has developed and documented a continuous improvement plan that incorporates multiple measures to assess student learning and program effectiveness.  The Student has put in his/her own efforts in the learning process from resources outside the Institute.  The students are challenged enough to use their knowledge creatively  QUALITY ASSURANCE  There is an existing process in the Institute to understand the parameters of quality of teaching and learning processes  There is an initiative to understand the parameters of quality of teaching and learning processes, if not existing.  There is commitment to making continuous quality improvements in the program a top priority  The performance of students in Internal Assessment and University Examinations is comparable.  There is sufficient evidence of attempts to understand the industries/ Society's need in delivery of appropriate course content to the students  OVERALL ASSESSMENT  The Academic Audit process was Faculty driven.  The Academic Audit process (self-study and visit) included descriptions of the program's quality processes including all five focal areas.  The Audit resulted in a candid description of weaknesses in program processes and suggestions for improvements.  There is openness and thoroughness of the faculty members in completing the academic audit of this program.  The Academic Audit process included involvement of and inputs from stakeholder groups identified by the program's faculty members  FOLLOW-UP OF PREVIOUS AUDIT  An action plan was developed as a result of the previous Academic Audit. There is documented evidence that recommendations made by the previous Academic Audit Team have been considered and, when feasible and appropriate, implemented and tracked.

	implemented and tracked the progress of and use of results from improvement initiatives cited by the faculty its self-study.	M	65
8	SUPPORT		
8.1	The program regularly evaluates its library, equipment and facilities, encouraging necessary improvements within the context of overall college resources.	M	60
8.2	The program's operating budget is consistent with the needs of the program.	M	65
8.3	The program has a history of enrolment rates sufficient to sustain high quality and cost-effectiveness.	M	65
8.4	The program has a history of graduation rate sufficient to sustain the quality of the program.	M	70
8.5	The program has a history of placement rate sufficient to sustain high quality of program outcome.	ММ	25
8.6	The Program has a history of generating support from industries and alumni to sustain itself.	MM	30









# Department of Petrochemical Engineering Academic Audit Report 2020-2021

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	Dr. Babasaheb Ambedkar Technological University						
	Academic Audit of Department of Petrochemical Engineering						
NI	Petrochemical Engineering Department Data 2020-2021						
	Name of the University Department:-Petrochemical Engineering Period of Audit: 2020-2021  I - DEPARTMENT PROFILE						
1	Name of the University Department, Website, email and Ph. No.	Department of Petrochemical Engineering, www.dbatu.ac.in, ssmetkar@dbatu.ac.in, 8600172102					
2	Name of the HoD, email & Mob.No	Dr. S. S. Metkar, ssmetkar@dbatu.ac.in, 8600172102					
3	Name of the Vice-Principal, if any, email & Mob. No.	NA					
4	Name of the IQAC Coordinator, email & Mob. No.	Dr. S. L. Nalbalwar, slnalbalwar@dbatu.ac.in ,8793814621					
5	Year of Establishment & own land if any	1989, Yes					
7	NBA accreditation of courses	Not at Present, accr	redited twice in the past	i.e.,2003-06,2007-12			
8	NAAC Grade with Cycle, Accredited Year & CGPA (Status of preparation if not Accredited)	B Grade, 1st Cycle,2015,2.35 NAAC Executive Committee No. & Date- EC(SC)_05_A&A _083 dated 3-3-2015-Dr. Babasaheb Ambedkar Technological University, Lonere-Maharashtra					
9	UGC Recognition (2F & 12 B)	Yes					
10	Department Working Hours( if shift system mention details of both shifts & give reasons for shift system)	9.00 A.M. to 6.00 P.M.					
11	No. of Posts Sanctioned: 07	Regular Faculty Working: 03	Contract Faculty Working:07	Visiting Faculty: Nil			

<sup>\*:</sup> Prepared for Academic Year 2020-2021

II - (	II - CURRICULAR ASPECTS							
	Item	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Suggestions by Academic Advisors				
12	Implementation of Annual Departmental Plan	Annual Departmental Plan was prepared well before start of Academic Year	A					
13	Departmental Annual Curricular Plans	Yes, Department Plan was prepared including different departmental activities	A					
14	Whether the above two circulated among Students?	Forwarded to student official WhatsApp group	A					
15	Department Activity Register during the academic year	Department has separate registers for department activity and department meetings	A					
16	Department Calendar/Department Magazine	Yes, Forwarded to all staff & faculty	В	Can be good cumulative record. Magazine can be prepared.				

<sup>\*:</sup> Prepared for Academic Year 2020-2021

17	Add-on Courses (Department-wise) completed during previous year	Yes, Faculty and students have undergone add-on courses recommended by SWYAM and NPTEL (Record maintained)	A	Good initiative should be continued and more students should take it.
18	Add-on Courses (Department-wise) during current academic year 2020-21	Yes, students have undergone courses from NPTEL and SWYAM Platform (Record maintained)	A	
19	Coverage of Syllabus (Average Percentage)	Approximately 95%	A	
20	Teaching of Humanities and Foundation Courses	Implemented as per guidelines by UGC/AICTE at First Year Engineering and Second Year Engineering	В	Make sure students come across psychophysical nature, mind intelligence, ego and its interconnection
21	No. of New UG and PG Courses introduced this year:	First year syllabus is revised in Academic year 2020-2021	-	-
22	Maintenance of Student Attendance Registers	Yes, it is maintained by individual Faculty and available in course file.	A	Good record keeping

<sup>\*:</sup> Prepared for Academic Year 2020-2021

III -	III - TEACHING, LEARNING AND EVALUATION					
23	Teaching Diaries and Teaching Plans in Prescribed Formats	Teaching Plan are prepared and submitted to individual head at the start of semester and Course files are maintained by faculty members.	A	Good diary maintained		
24	Co-Curricular Activities (Department level)	-	-	Department should also conduct after pandemic.		
25	Academic Competitions (University Level and Above)	Yes, Online participation of students. Record is available.	В	Online student participation should be encouraged even with offline college.		
26	Conduct of Internal Examinations-Unit, Half- Yearly and Pre final	Internal exams are conducted by individual faculty and record is available. Semester exams are conducted by exam section.	A			
27	Subject wise result analysis	Analysis done by individual faculty and then combined together. Record is available	A			
28	Teacher wise result analysis	Yes, record is available	A			

<sup>\*:</sup> Prepared for Academic Year 2020-2021

29	Remedial Classes	Earlier conducted under UGC and TEQIP-2 but not at present. Subject wise tutorial classes are conducted and records are	-	-
		available with individual faculty.		
30	Record of Evaluation of Teachers by Students	At every semester end feedback is collected, analyzed and shared with respective faculty. Record is available.	A	Good record is maintained
IV -	RESEARCH AND CON	SULTANCY		
31	Is the Department a Recognized Research Centre	No.	-	-
32	No. of Research Guides in the Department	Nil - for Ph.D. program. However, all three regular teachers are Guides for M.Tech. Program in Chemical Engg.	-	Need to try to get registered Ph. D guide
33	No. of Research Scholars working for Masters & Ph.D	NA	-	-
34	Major/Minor/Other Research Projects	Nil	-	-
35	Research Papers Published in previous academic year (International/ National)	Yes (by Prof. S. S. Metkar)	В	Collaborative efforts are required.

<sup>\*:</sup> Prepared for Academic Year 2020-2021

36	Papers Presented in previous academic year(International/ National/ State)	Yes (by Dr. S. S. Metkar)	В	Other faculty members should contribute
37	Books Published in previous Academic year ( Single Author/ Co Author)	Nil	-	-
38	Seminars/Workshops/ Training Programme Conducted (International/ National/ State )	1) 15 days 'AutoCAD workshop' organized by Prof. P.S. Nande 2) 5 days' workshop on 'Process Safety and Loss Prevention' organized by Dr. S.S. Metkar & Prof. L.Y. Rawoot 3) 5 days' workshop on 'Basic to Advance of MS Excel for Chemical Engineers' organized by V.P. Jawanjal & Prof. P. S. Nande 4) 5 days' workshop on 'Process Engineering' organized by Dr. S. S. Metkar & Dr. D. M. Pawar 5) 3 days' soft skill workshop on 'College to corporate' organized by Dr. S. S. Metkar, Prof. P. S. Nande & Prof. H. R. Jadhav 6) 5 days' workshop on 'Basic to Advance of MS Excel for Chemical Engineers' organized by Dr. S. S. Metkar, Prof. H.R. Jadhav & Prof. P. S. Pore Record is available.	A	Good, nicely done.

<sup>\*:</sup> Prepared for Academic Year 2020-2021

39	Record of Consultancy in previous academic year	No	-	-
40	Record of MoUs in previous academic year	Nil	-	-
V - E	EXTENSION ACTIVITIE	S		
41	Record of Subject/Department Related Extension Activities	Nil	-	-
42	Name of the NSS PO & Mobile No.	Dr. H. N. Warahtkar, 9403316374	В	
43	NSS Attendance Register	Maintained at University Level	NA	
44	NSS Activity Register	Maintained at University Level	NA	
45	Name of the NCC ANO & Mobile No.	Dr. M. P. Bhagat, 7588265601	В	
46	NCC Attendance Register	Maintained at University Level	NA	
47	NCC activity register	Maintained at University Level.	NA	
48	Name of the professional Club Coordinator & Mobile No.	No	NA	
49	Professional Club Activities	No	NA	

<sup>\*:</sup> Prepared for Academic Year 2020-2021

50	Name of the Women Empowerment Cell (WEC) Coordinator & Mobile No.	Prof. S. P. Dhongade 9960520092	В	
51	WEC Activities	Activities are conducted at University level	В	
52	Name of the Eco-Club Coordinator & Mobile No.	Dr. R. P. Kate 9420057789	В	
53	Eco- Club Activities	Conducted through Nature club at University Level	В	
54	Name of the Consumer Club Coordinator & Mobile No.	Shree. Suresh Lad Mobile No. 9975254439	В	
55	Consumer Club Activities	Established at University level. Employee Society and Xerox facilities are monitored by Consumer Club. Dr. S. S. Metkar is the member	NA	
56	Any other Club	Yes, Activities are conducted at University Level. Dr. V. S. Sargade is the University Coordinator Dr. S.S Metkar is the coordinator of artist club of University	NA	

<sup>\*:</sup> Prepared for Academic Year 2020-2021

VI -	VI - LEARNING RESOURCES				
57	Name of the Librarian & Mob. No	Shree. S. P. Vaidya 94233382280	В		
58	Access timings of the Library	9.30 a.m. to 5.30 p.m. on working days. The library hours are extended during the time of final examinations.	В		
59	Circulation of Books among Students	LIBMAN (Library Software) is used for circulation transaction. Library also runs book bank scheme sponsored by the Govt. of Maharashtra. http://dbatulibrary/opac or http://172.16.5.238/opac) online public access catalogue is used.	В		
60	Availability of Previous years Question papers	Question bank is provided to exam section and available with individual Faculty.	В		
61	Record of Visitors	Maintained by University Library. The library is having open access.	NA		

<sup>\*:</sup> Prepared for Academic Year 2020-2021

62	Status of Library Automation	The library is partially computerized with the help of LIBMAN (Library Software). The circulation transaction, barcode generation, no dues certificates, reminder etc. work is carried out with the help of this software.	В	
63	e-Lessons & e-Resources/ e-Journals	Various Journals and Resources are subscribed and available online.	A	
64	Usage of Internet by students in the Library	Library has separate computer section around 02 computers are available with internet connectivity for students for accessing online journals and e-books.	В	
65	Name of SWAYAM Coordinator & Mob. No	Dr. R. S. Pawade 8698559938	В	
66	Status of SWAYAM facilities functioning	University is recognized as an ACTIVE Local Chapter.	В	
67	Whether SWAYAM schedule is circulated to the students	Yes, it is circulated by Dr. R. S. Pawade and Dr. S. L. Nalbalwar	В	

<sup>\*:</sup> Prepared for Academic Year 2020-2021

68	Maintenance of SWAYAM Viewers' Register	Partially maintained at University Level by concerned coordinator. One of the course for each semester is mandatory from NPTEL / SWAYAM platform	NA	
VII -	STUDENT SUPPORT	ACTIVITIES		
69	Name of the Physical/Sports Director & Mob.No	Dr. P. B. Lokhande 8600674584	NA	
70	Record of Physical Education/Sports Department	Record is maintained at University level	NA	
71	Records of events conducted	-	-	
72	Records of significant achievements in Sports & Games	-	-	
73	Record of Cultural programmers conducted	-	-	
74	Record of any other extra- curricular activities conducted	Online student's participation record is maintained.	A	

<sup>\*:</sup> Prepared for Academic Year 2020-2021

75	Maintenance of Placement Cell facilities & records	Detailed record is maintained at University level. Dr. S. S. Metkar is the Departmental Training and Placement coordinator.	В	
76	Record of Student trained and placed	08 students were placed on campus. Internship was provided to 38 final year students. Record is available.	В	
77	Name of Career Guidance Cell Coordinator & Mob.No	Dr. S. S. Metkar 8600172102 Prof. V. P. Jawanjal 9168219246 Dr. S. M. Mhatre 9970748646	В	
78	Record of activities Career Guidance	-	-	
79	Departmental Review Committee (DRC) Coordinator & Mob. No.	Dr. S. S. Metkar 8600172102	В	
80	Implementation of DRC Action Plan	Nil	-	

<sup>\*:</sup> Prepared for Academic Year 2020-2021

81	IQAC activities & maintenance of records, (Action Plan/Minutes of Meeting/Proof of submission of AQAR to NAAC/Activity register etc)	IQAC at University level is in place	NA	
82	Record of Support by Alumni Association	Alumni Association is placed at University level (Established in January 2021). Alumni are actively involved in providing placement and internship to final year students. Departmental Alumni Advisory Committee is also in place & meetings are conducted in various regards.	В	
83	Record of Grievance Redressal Cell / Anti Ragging cell	Disciplinary committee and University Women Grievance cell are in place at University Level Dr. S. S. Metkar is representing at University Level	В	
84	Record of Anti Ragging cell	In placed at University level Dr. S. M. Mhatre is representing at University Level	В	

<sup>\*:</sup> Prepared for Academic Year 2020-2021

VIII	- BASIC AMENITIES			
85	Maintenance of drinking water	Water coolers with adequate filtration facility are available	В	
86	Maintenance of sanitation	Maintained by University	В	
87	Rest room for women students	Available at University level on the ground floor	-	
88	Greenery	Maintained at University Level by Estate section	В	
89	Cleanliness	Maintained at University Level by Estate section	В	
90	Health Care Facility	Available in University campus  Dr. S. M. Mhatre is the coordinator	В	
91	Canteen	Canteen facility is available	-	
IX -	GOVERNANCE AND L	EADERSHIP		
92	Management Committee Register	Maintained at University level	NA	
93	Functioning of Committees in Administration (Minutes of meetings)	Yes, record of BoS minutes meeting & Alumni Advisory Committee meetings are available	A	

<sup>\*:</sup> Prepared for Academic Year 2020-2021

94	Awards/Achievements	Prof. S. S. Metkar completed the Ph. D. in Chemical Engg. Prof. Harshada R. Jadhav received Gold Medal in M. Tech. Chemical Engg.	A	
95	Faculty development initiatives if any	Faculties are encouraged to attend workshops, STTP's and FDP's. Record is available	A	
X - I	T INITIATIVES	,		
96	E-Class rooms ( Number & Usage)	LH 001 is in placed.	В	
97	Internet Centre	Leased Line from BSNL of 1Gbps Accessed through centralized facility (2 Servers) at University level  Wi-Fi is available in the	В	
		Department.		
98	Computer labs ( No. of labs & working systems)	07	В	
XI-BEST PRACTICES				
99	Record of best/innovative practices by the Department	1.Online induction program is conducted for new students 2.Personality Development courses (Soft skill & Communication skills)	В	

<sup>\*:</sup> Prepared for Academic Year 2020-2021

8	1. Skatuk (Dr. S. R. Satpute)	2. Ped Romerit	3. 510/10/2021	(S. H. Caharut) Signatures of Academic Advisors
Available at Departmental level			Stable Cons	Ds. 8.8. Metrae
Department Activity Register & Hard Copy of AQAR of previous year ( should be available with the Principal)			V	Signature of the HoD $$
100				

Format - II ( To be filled individually by Faculty Member)

Centre/SubCentre: Dr. BATU. Lonere -Campus District: Raigad 1 Name of the College and Address Department of Petrochemical Engineering, DBATU, Lonere Raigad 2 Name of the Faculty Member Prof. Sangeeta S. Metkar Name of the Subject taught during Chemical Reaction Engg.-I, Chemical Reaction Engg.-II, Process Dynamics 3 academic year 2019-20 and Control, Transport Phenomena Date of Joining in Degree College/Date of Joining in the present 05/08/2004 Date of Retirement: 30/11/2038 Institution Impression of Academic Advisor Recommendation/Suggestions Status ( Give Details, S.No. long with grade A(Good)/B( Satisfactory)/C (poor) after Activity not just Yes/No) by Academic Advisors Observation Curricular Aspects and evaluation made 5 Annual Curricular plan avialable the at A beginning of semester are available. Videos Curriculum enrichment / Value 6 C were shown regarding addition Mechanical Operations Whether conducting Add on Courses 7 & role in conduct of course No Feed back is collected Feedback from students 8 at the semester end A Teaching, Learning and Evaluation Teaching plan and 9 Teaching Diary & Teaching Plan diary prepaed at the A beginning 10 100% R Coverage of syllabus so far (%) Yes, available, attached Record of students attendance A 11 in course file 12 Use of ICT - PPT & Audio-video Aids A Yes Yes, available, attached 13 B Record of students assignments in course file B Record of field trips Yes, available 14 Yes, available, attached A Record of student seminars conducted 15 in course file Record of academic competitions A Yes 16 conducted if any (Quiz, Role play) Other Student centric learning No 17 Methods Record of Extension Lectures given No 18 19 Record of invited lectures arranged Yes A Yes - Internal Examination record is AB Record of internal examinations and available. University 20 University Exams exam. record is with

Examination Section

1	. Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade MGrod)/B( Satisfactory)/C (poor) after Observation	Recommendation/Suggestions by Academic Advisors
21	Pass percentage of University Exams / Semester in respective subject for the last three years.(paper wise)	Yes- Available in APR	B	
22	Record of remedial classes conducted for slow learners	No	-	
		esearch, Extension an	d consultancy	
23	Record of Research work (,Paper publication, Book publication, Articles)	Yes, available	В	
24	Record of Student Projects	Yes, available	B	
25	Record of seminars / workshops attended / organized / Papers presented	Yes, available	A	
26	Record of extension work undertaken	Nīl	~	
27	Record of MoUs, if any	Nil	_	
28	Record of Consultancy work	NI	-	
	Iı	frastructure and learni	ing Resources	
29	Utilization of Departmental Library	NA	-	
30	Availability of CDs, Videos	Yes	В	
31	Virtual labs / Open Educational Resources (OERs)	Yes, relevant you tube videos are shown and discussed with the students.	ę	
	Development of any educational resource	No	-	
	- Court	Student support and p	progression	
32	Record of Activities conducted to contribute to the students' career opportunities	Yes	A	
33	Mentoring / Counselling to students for curricular and co-curricular activities	Yes	B	
34	Newspaper clippings or other materials as additional resource	Yes	B	
	Any Student team project for Technology Development	Characterizaion of Turmeric leaves for Ayurvedic Utilization	A	
		Governance and Le	adership	
35	Record of additional administrative responsibilities performed	Yes, member of different University Committes	А	
36	Record of innovative practices	Nil	-	
37	Any outstanding comribution	Can't Say	-	
38	Whether above( related activities )entered in into Departmental Activities Register		A	
39	Maintenance of Departmental Activities Register	Yes	A	

8.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advitor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Suggestions by Academic Advisors
40	Check Departmental Documentation ( should be available with I/c of dept.)  1. Dept. Time Table  2. Faculty-wise Annual Curricular Plans  3. Faculty-wise wise Teaching Diary & Plans  4. Departmental Activity Register along with documentary Evidences  5. Faculty wise API formats along with Evidences	Available	A	
,	Signature of the Paculty member			pf the Head of Department

# Dr. Babasaheb Ambedkar Technological University Academic Audit of Engineering Colleges Format - II (To be filled individually by Faculty Member)

Centre/SubCentre: Dr. BATU.

District:

Raigad

-	Lonere -Campus			DRATIL Longre Raigad
1	Name of the College and Address			,DBATU, Lonere Raigad
2	Name of the Faculty Member	Prof. Vasant P. Jawanj	al	seering Thermodynamics - II
3	Name of the Subject taught during academic year 2020-21	Chemical Process Calco Chemi	ulation ,Chemical Engir cal Engineering Therm	neering Thermodynamics - II, odynamics -I
4	Date of Joining in Degree College/Date of Joining in the present Institution	26/09/1993	Date of Retirement:	26/06/2027
S.No	. Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Suggestion by Academic Advisors
		Curricular Asp	ects	
5	Annual Curricular plan	Yes - course schedule and evaluation made avialable at the beginning of semester	A	
6	Curriculum enrichment / Value addition	Assignment made avialable	В	
7	Whether conducting Add on Courses & role in conduct of course	No	C	
8	Feedback from students	feed back collected at the semester end	A	
		Teaching, Learning and	d Evaluation	
9	Teaching Diary & Teaching Plan	Teaching plan and diary prepaed at the	A	
10	Coverage of syllabus so far (%)	100		
11	Record of students attendance	available	100	
12	Use of ICT - PPT & Audio-video Aids	Yes	B	
13	Record of students assignments	Yes - avialable		
14	Record of field trips	No	C	
15	Record of student seminars conducted	Yes	B	
16	Record of academic competitions conducted if any (Quiz, Role play)	Yes -Quiz was conducted	В	
17	Other Student centric learning Methods	No	C	
18	Record of Extension Lectures given	Yes	A	
19	Record of invited lectures arranged	No	C	
20	Record of internal examinations and University Exams	Yes -Avialable	A	
21	Pass percentage of University Exams / Semester in respective subject for the last three years.(paper wise)	CPC- 100%, CET-II- 100%, CET-I -100%	A	
22	Record of remedial classes conducted for slow learners	No	C	

S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Suggestions by Academic Advisors
23	Publication, Articles)	Nil	C	
24	Record of Student Projects	Yes avialable	<u> </u>	
25	Record of seminars / workshops attended / organized /Papers presented	Yes	B	
26	Record of extension work undertaken	Nil	C	
27	Record of MoUs, if any	Nil		
28	Record of C	Nil	C	
		nfrastructure and learn	C C	
29		THE STATE OF THE S	ing Resources	
30	Utilization of Departmental Library	Yes	B	
30	Availability of CDs, Videos	Yes	В	
31	Virtual labs / Open Educational Resources (OERs)	No	C	
	Development of any educational resource	No	C	
	Percel Chair	Student support and	progression	
32	Record of Activities conducted to contribute to the students' career opportunities	Yes	A	
33	Mentoring / Counselling to students for curricular and co-curricular activities	Yes	A	
34	Newspaper clippings or other materials as additional resource	Nil	С	
	Any Student team project for Technology Development	No	C	
		Governance and L	eadership	
35	Record of additional administrative responsibilities performed	Yes	В	
36	Record of innovative practices	Nil		
37	Any outstanding contribution	Can' Say	C	
38	Whether above( related activities )entered in into Departmental Activities Register		A	
39	Maintenance of Departmental Activities Register	Yes	A	
40	Check Departmental Documentation ( should be available with I/c of dept.)  1. Dept. Time Table  2. Faculty-wise Annual Curricular Plans  3. Facultywise wise Teaching Diary & Plans  4. Departmental Activity Register along with documentary Evidences  5. Faculty wise API formats along with Evidences	Avialable	A	

S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B(Satisfactory)/C (poor) after Observation	Recommendation/Suggestions by Academic Advisors
	Signature of the Faculty member		Signature	of the Head of Department

# Dr. Babasaheb Ambedkar Technological University Academic Audit of Engineering Colleges Format - II (To be filled individually by Faculty Member)

	Centre/SubCentre: Dr. BATU. Lonere -Campus		District	: Raigad
1	Name of the College and Address	Department of Per	terreberries Engineerin	g, DBATU, Lonere Raigad
2	Name of the Faculty Member	Dr. Sonali M Mhatre		g
3	Name of the Subject taught during academic year 2020-21		MTO-I, PDE-II, M	[()-][
4	Date of Joining in Degree College/Date of Joining in the present Institution	17-07-2013	Date of Retirement	31-05-2138
S.No	Activity	Status ( Give Details, not just Yes/No)	Impersion of headernic historic stong with grade Michelly PM Sandactory) [Cignet, when Observation	
		Curricular Asj	pects	,
5	Annual Curricular plan	Yes, University level	А	
6	Curriculum enrichment / Value addition	development asinvitee member of BOS	-	
7	Whether conducting Add on Courses & role in conduct of course	no	C	
8	Feedback from students	yes, on departmental level	A	
		Teaching, Learning an	d Evaluation	
9	Teaching Diary & Teaching Plan	yes, attached with		
10	Coverage of syllabus so far (%)	course file almost 100%	<u>A</u>	
11		yes, attached in course	В	
11	Record of students attendance	file	В	
12	Use of ICT - PPT & Audio-video Aids	yes, within google classroom, during google meets	A	
13	Record of students assignments	yes, in google classroom and course file	В	
14	Record of field trips	no	C	
15	Record of student seminars conducted	yes, departmental level		
16	Record of academic competitions			
10	conducted if any (Quiz, Role play)	no	_	
17	Other Student centric learning Methods	ICT based teaching learning using g-meet and use of few self recorded videos	A	
18	Record of Extension Lectures given	no	C	
19	Record of invited lectures arranged	no	C	
20	Record of internal examinations and University Exams	yes .	A	
21	Semester in respective subject for the	MTO-I, PDE-II, MTO-II	B	

5.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Suggestion by Academic Advisors
22	Record of remedial classes conducted for slow learners	no		
		Research, Extension an	nd consultance	
23	Record of Research work (,Paper publication, Book publication, Articles)		C	
24	Record of Student Projects	yes, departmental level	A	
25	Record of seminars / workshops attended / organized /Papers presented	yes, submitted to department	В	
26	Record of extension work undertaken	no	C	
27	Record of MoUs, if any	no	C	
28	Record of Consultancy work	no		
	I	nfrastructure and learn		
29	Utilization of Departmental Library	not available	-	
30	Availability of CDs,Videos	yes, in university libraries	В	
31	Virtual labs / Open Educational Resources (OERs)	yes	В	
	Development of any educational resource	recorded few self videos on some topics on experimental basis	A	
		Student support and p	rogression	
32	Record of Activities conducted to contribute to the students' career opportunities	по	C	
33	Mentoring / Counselling to students for curricular and co-curricular activities	yes	P	
34	Newspaper clippings or other materials as additional resource	yes,use of research papers	В	
	Any Student team project for Technology Development		C	
		Governance and Lea	dership	
35		yes, 1.Asso. Dean academics 2. professor in charge - PhD section of University 3. professor in charge- health care center. 4. warden - ii hostel dhavalgiri	A	
36	Record of innovative practices		C	
37	Any outstanding contribution	can't say	C	
38	Whether above( related activities )entered in into Departmental Activities Register	yes	A	
39	Maintenance of Departmental Activities Register	yes	A	

S.No.	Activity	Status (Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Suggestions by Academic Advisors
40	Check Departmental Documentation ( should be available with I/c of dept.)  1. Dept. Time Table  2. Faculty-wise Annual Curricular Plans  3. Facultywise wise Teaching Diary & Plans  4. Departmental Activity Register along with documentary Evidences  5. Faculty wise API formats along with Evidences	ycs	A	
	Signature of the Faculty member	mhati.		of the Head of Department

## Format - II ( To be filled individually by Faculty Member)

Centre/SubCentre: Dr. BATU. Lonere -

	Campus		District	Raigad
1	Name of the College and Address	Department of Petrochem	ical Engineering, Dr. BATU, Lo	nere Raigad
2	Name of the Faculty Member	Pradip S. Nande	ical Engineering, Dr. Drift, D.	more reargae
3	Name of the Subject taught during academic year 2020-21	Fluid Flow Operations 2. Polluti Equipment Design & Drawing Lab     Heat Transfer Operations 6. Proceedings 1.	4. Process Design, Flowsheeting	g & Simulation Lab
4	Date of Joining in Degree College/Date of Joining in the present Institution	13-08-2020	Date of Retirement:	14-06-2021
S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation Suggestions by Academic Advisors
		Curricular Aspects		
5	Annual Curricular plan	Yes - course schedule is available at the beginning of semester.	A	
6	Curriculum enrichment / Value addition		A	
7	Whether conducting Add on Courses & role in conduct of course	No	C	
8	Feedback from students	feed back collected at the semester end		
		Teaching, Learning and Evalu		
9	Teaching Diary & Teaching Plan	Available in Course File	A	
10	Coverage of syllabus so far (%)	More than 90	A	
11	Record of students attendance	available in APR & Course File	A	
12	Use of ICT - PPT & Audio-video Aids	Yes	A	
13	Record of students assignments	No	C	
14	Record of field trips	No	C	
15	Record of student seminars conducted	Yes		
16	Record of academic competitions conducted if any (Quiz, Role play)	No	C	
17	Other Student centric learning Methods	No	C	
18	Record of Extension Lectures given	No	C	
19	Record of invited lectures arranged	No	C	
20	Record of internal examinations and University Exams	Yes -Avialable in Course File	A	
21	Pass percentage of University Exams / Semester in respective subject for the last three years.(paper wise)	1. Fluid Flow Operations 100% 2. Pollution Control in Process Industries 100% 3. Process Equipment Design & Drawing Lab 100% 4. Process Design, Flowsheeting & Simulation Lab 100% 5. Heat Transfer Operations 100 % 6. Process Economics & Project Management 100%	A	
22	Record of remedial classes conducted for slow learners	No	C	

No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation Suggestions by Academic Advisors
		Research, Extension and consul	Itancy	
23	Record of Research work (,Paper	Nil		
24	publication, Book publication, Articles) Record of Student Projects	400	C	
24	Record of seminars / workshops attended /	Yes avialable	A	
25	organized /Papers presented	Yes	B	
26	Record of extension work undertaken Record of MoUs, if any	Nil	C	
28	Record of Consultancy work	Nil	C	
20	Record of Consultancy Work	Nil	C	
29	Iltilization of Days 1 1 11	Infrastructure and learning Res		
30	Utilization of Departmental Library Availability of CDs, Videos	No	C	
30	Virtual labs / Open Education 1.D.	No		
31	Virtual labs / Open Educational Resources (OERs)	No	C	
	Development of any educational resource	No	C	
		Student support and progres	sion	
32	to the students' career opportunities	Organized 15 days workshop on AutoCAD.	A	
33	curricular and co-curricular activities	No	C	
34	Newspaper clippings or other materials as additional resource	Nil	C	
	Any Student team project for Technology Development	No	C	
		Governance and Leadersl	ain.	1
	Record of additional administrative	Governance and Leaders	i	
35	responsibilities performed	No	C	
36		Nil		
37	, g	No	C	
38	into Departmental Activities Register	Yes	В	
39	Maintenance of Departmental Activities Register	Yes	A	
40	Check Departmental Documentation ( should be available with I/c of dept.)  1. Dept. Time Table  2. Faculty-wise Annual Curricular Plans  3. Facultywise wise Teaching Diary & Plan  4. Departmental Activity Register along widocumentary Evidences  5. Faculty wise API formats along with Evidences		A	

S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation, Suggestions by Academic Advisors
	Signature of the Faculty member	PS Nanole	Signature of the H	ead of Department

Pormat - II (To be filled individually by Paculty Member)

Centre/SubCentre: Dr. BATU. Raigad District: Lonere -Campus Department of Petrochemical Engineering, DBATU, Lonere Raigad Name of the College and Address 2 Name of the Faculty Member Prof. Rawoot Lubna Yunus Odd sem:Petrochemical Engineering II (BTPCC505), Petrochemical Processes BTPCC 710, Elective – IV Name of the Subject taught during (APR) BTCHB 705, Petrochemical Synthesis Lab (PC709) Even sem: Petrochemical Engineering III 3 academic year (BTPCC604), Petrochemical engineering I lab (BTPCLA12) Date of Joining in Degree 4 College/Date of Joining in the present 14/06/2021 11-08-2020 Date of Retirement: Impression of Academic Advisor along Recommendation/Suggestions by S.No. Activity with grade A(Good)/B( Satisfactory)/C (poor) after Observation Status ( Give Details, not just Yes/No) Academic Advisors Curricular Aspects Annual Curricular plan A Yes - course schedule made avialable at the beginning of semester Assignment & notes were Curriculum enrichment / Value 6 avialable. As well as videos were shown addition regarding different topics Whether conducting Add on Courses 7 & role in conduct of course 8 Feedback from students feedback collected at the semester end Teaching, Learning and Evaluation Teaching Diary & Teaching Plan yes, availble in course file 10 Coverage of syllabus so far (%) 11 Record of students attendance yes, available in course file Use of ICT - PPT & Audio-video Aids 12 Record of students assignments 13 14 Record of field trips A Record of student seminars conducted yes 15 Record of academic competitions C 16 conducted if any (Quiz, Role play) Google classroom for every subject and Other Student centric learning 13 lab for sharing relevant study material, 17 Methods you tube videos for experiments -Record of Extension Lectures given 18 C 19 Record of invited lectures arranged Record of internal examinations and Internal exam record is available. 20 University Exams PE II: 100%, E IV: 100%, PP: 100%, Pass percentage of University Exams / PS lab: 100%, PE III: 100%, PE I lab: Semester in respective subject for the 21 last three years.(paper wise) Record of remedial classes conducted 22 for slow learners Research, Extension and consultancy Record of Research work (Paper 23 publication, Book publication, Articles) Record of Student Projects ves 24 Record of seminars / workshops B attended / organized /Papers ves 25 presented Record of extension work undertaken 0 nil 26 0 Record of MoUs, if any nil Record of Consultancy work 28 Infrastructure and learning Resources C Utilization of Departmental Library nil 20 Availability of CDs,Videos not available for Petrochemical Virtual labs / Open Educational 13 Engineering labs Page 1 of 2 31 Resources (OERs)

No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B(Satisfactory)/C (poor) after Observation	Recommendation/Suggestions by Academic Advisors
	Development of any educational resource	no	C	
		Student support and p	rogression	
32		Arranged 5 days online workshop for students on 'Process Safety & Loss Prevention'	B	
33	Mentoring / Counselling to students for curricular and co-curricular activities	yes	A	
34	Newspaper clippings or other materials as additional resource	referred some research papers for case studies	В	
	Any Student team project for Technology Development	Yes- Grey water treatment	A	
		Governance and Le	adership	
35	Record of additional administrative responsibilities performed	Departmental Exam Co-ordinator, Third year class teacher, Process Safety & Loss Prevention Workshop coordinator		
36	Record of innovative practices	no	C	
37	Any outstanding contribution	no	C	
38	Whether above( related activities )entered in into Departmental Activitie Register	s Yes	A	
39	Maintenance of Departmental Activities Register	-	A	
40	Check Departmental Documentation should be available with I/c of dept.)  1. Dept. Time Table  2. Faculty-wise Annual Curricular Plar  3. Facultywise wise Teaching Diary & Plans  4. Departmental Activity Register alor with documentary Evidences  5. Faculty wise API formats along with Evidences	yes yes	A	A
	Signature of the Faculty member	Rawert.	Sig	gnature of the Head of Departm

# Dr. Babasaheb Ambedkar Technological University Academic Audit of Engineering Colleges Format - II ( To be filled individually by Faculty Member)

Centre/SubCentre: Dr. BATU. Lonere -Campus

Raigad

				Raigad
Name of the College and Addr	ess Departmen	t of Petrochemical F	Engineering DBAT	TU. Lonere Raigad
Name of the Faculty Member		. J. I Guddheimeal I	Silbinothig, DDA1	
Name of the Subject taught during academic year	Odd sem - Green Technolo Mechanical Operation Lab	(BTCHL309); Eve	n sem - Plant Utilit	y and Plant Safety(BTCHC 605
College/Date of Joining in the present Institution	08/10/2020	Date of Fetirement:	14/06/2021	
Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after	Recommenda	ation/Suggestions by Academi Advisors
	Curr	The state of the s	1	
Annual Curricular plan	Yes - course schedule and internal assesment made avialable at the beginning of	A		
Curriculum enrichment / Value addition	Notes and Assignments were made available. As well as videos were shown regarding different topics	В		
whether conducting Add on Courses & role in conduct of course	No	C		
Feedback from students	feed back collected at the semester end	В		
T. I. D.	Teaching, Lea	rning and Evaluat	ion	
Teaching Diary & Teaching Plan	Available in course file	B		
Coverage of syllabus so far (%)	90	В	1844-1944-1944-1944-1944-1944-1944-1944-	
Record of students attendance	available in course file	A	11-	
Use of ICT - PPT & Audio-video Aids	Yes	В		
Record of students assignments	Yes - available	В		
	No	C		
onducted	Yes			
ecord of academic competitions onducted if any (Quiz, Role ay)	No	C		
ethods	Google Classroom	В		
cord of Extension Lectures ven	Nil	C		
cord of invited lectures anged	No	C		
cord of internal examinations I University Exams	Internal examinations record is available	A	1 1 100 100 100 100 100 100 100 100 100	***************************************
ums / Semester in respective ject for the last three rs.(paper wise)	MO Lab(100%), PUPS(100%), CRE-II	A		
ord of remedial classes ducted for slow learners	No .	C		
	Name of the Subject taught during academic year  Date of Joining in Degree College/Date of Joining in the present Institution  Activity  Annual Curricular plan  Curriculum enrichment / Value addition  Whether conducting Add on Courses & role in conduct of course  Feedback from students  Teaching Diary & Teaching Plan  Coverage of syllabus so far (%)  Record of students attendance  Use of ICT - PPT & Audio-video Aids  Record of students assignments  record of field trips  record of students assignments  record of student competitions and conducted if any (Quiz, Role and course)  Record of Extension Lectures and cord of invited lectures are cord of invited lectures anged  record of invited lectures anged  record of internal examinations in University Exams  s percentage of University and conductive in the last three in the conductive in the conduct	Name of the Faculty Member Name of the Subject taught during academic year  Date of Joining in Degree College/Date of Joining in the present Institution  Activity  Status (Give Details, not just Yes/No)  Activity  Status (Give Details, not just Yes/No)  Notes and Assignments were made available and internal assessment made available in course file of back collected at the semester end  Teaching, Lea  Teaching Diary & Teaching Plan Available in course file  Yes  Secord of students assignments  Yes - available  available in course file  Yes  available in course file	Name of the Faculty Member Name of the Subject taught during academic year  Date of Joining in Degree College/Date of Joining in the present Institution  Activity  Status ( Give Details, not just Yes/No)  Not Status ( Give Details, not just Yes/No)  Status ( Give Details, not just Yes/No)  Not Status ( Give Details, not just Yes/No)  Status ( Give Details, pust yes/No)  Status ( Give De	Name of the Faculty Member Name of the Subject taught during academic year Date of Joining in Degree College/Date of Joining in the present Institution  Status (Give Details, not just Yes/No)  Status (Give Details, not just Yes/Not Academic

,0		Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after	Recommendation/Suggestions by Academic Advisors
23	Record of Research work (,Paper publication, Book publication, Articles)	Nil	C	
24	Record of Student Projects	Yes available	A	
25	Record of seminars / workshops attended / organized /Papers presented	Yes	c	
26	Record of extension work undertaken	Nil	C	
27	Record of MoUs, if any	Nil		
28	Record of Consultancy work	Nil	C	
-	Utilization of Departmental	Infrastructure	and learning Resour	ces
29	Library	No	C	
30	Availability of CDs, Videos	No	C	
31	Virtual labs / Open Educational Resources (OERs)	Yes	В	
	Development of any educational resource	No	C	
			port and progression	
32	Record of Activities conducted to contribute to the students' career opportunities	Organized 5 days workshop on "Basic to advance MS Excel ".	В	
33	Mentoring / Counselling to students for curricular and co- curricular activities	No	C	
34	Newspaper clippings or other materials as additional resource	Nil	С	
	Any Student team project for Technology Development	No	c	
		Governar	nce and Leadership	4110
35	Record of additional administrative responsibilities performed	Second year Class teacher	В	
36	Record of innovative practices	Nil	C	-
37		No	C	
38	Whether above( related activities	-	В	
39	Maintenance of Departmental Activities Register	-	В	
40	Check Departmental Documentation ( should be available with I/c of dept.) 1. Dept. Time Table 2. Faculty-wise Annual Curricular Plans 3. Facultywise wise Teaching Diary & Plans 4. Departmental Activity Register along with documentary Evidences 5. Faculty wise API formats along with Evidences		7	Brother
	Signature of the Faculty member	Par-	ge 2 of 3	Signature of the Head of Department

Format - II ( To be filled individually by Faculty Member)

Centre/SubCentre: Dr. BATU. Raigad District: Lonere - Campus Name of the College and Address Department of Petrochemical Engineering, DBATU, Lonere Raigad Name of the Faculty Member Dr. Deepali M. Pawar Name of the Subject taught during 3 Process Instrument & Control, Environmental Quality Monitoring & Analysis academic year Date of Joining in Degree College/Date of Joining in the present 14/12/2021 15/01/2020 Date of Retirement: Institution Impression of Academic Advisor S.No. Status ( Give Details, not just Recommendation/Suggestions Activity along with grade A(Good)/B( Satisfactory)/C(poor) after Observation by Academic Advisors Yes/No) Curricular Aspects 5 Annual Curricular plan Yes - Attached with course file A Curriculum enrichment / Value 6 addition C No Whether conducting Add on Courses No & role in conduct of course C Feedback from students 8 Yes, Departmental Teaching, Learning and Evaluation 9 Teaching Diary & Teaching Plan Yes (Available in Course file) 10 Coverage of syllabus so far (%) 85-90 % 11 Record of students attendance Yes Use of ICT - PPT & Audio-video Aids 12 Yes (Attached with course file) A 13 Record of students assignments Yes (Available in Course file) A 14 Record of field trips No 15 Record of student seminars conducted Yes (Available) Record of academic competitions 16 No conducted if any (Quiz, Role play) C Other Student centric learning 17 Methods No C Record of Extension Lectures given 18 No Record of invited lectures arranged No Record of internal examinations and 20 Yes (Available) University Exams Pass percentage of University Exams / EQMA -99 % PIC - 100 % Semester in respective subject for the 21 A EEE - 98 % last three years.(paper wise) Record of remedial classes conducted 22 for slow learners No Research, Extension and consultancy Record of Research work (Paper 23 No publication, Book publication, Articles) C Record of Student Projects 24 Yes (Available) Record of seminars / workshops 25 attended / organized / Papers Yes (Available) presented Record of extension work undertaken 26 Nil 27 Record of MoUs, if any Nil Record of Consultancy work Nil Infrastructure and learning Resources

0.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A/Good)/B( Satisfactory)/C(poor) after Observation	Recommendation/Suggestions by Academic Advisors
U	tilization of Departmental Library	Nil	C	
A	vailability of CDs, Videos	Nil	C	
	Personnes (OFRs)	Yes (Referred IITS Virtual Lab by online mode for PIC Lab & MTO-II Lab	13	
1.5	Development of any educational resource	Nil	C	
		Student support and pro-	gression	
2	Record of Activities conducted to contribute to the students' career opportunities	Organized one week workshop on Process Engineering	В	
	Mentoring / Counselling to students for curricular and co-curricular activities	Yes	A	
34	Newspaper clippings or other materials as additional resource	Nil	С	
	Any Student team project for Technology Development	No	<u> </u>	
		Governance and Lead	dership	
35	Record of additional administrative responsibilities performed	No	C	
36		Nil	C	
37		No	C	
38	Whether above( related activities	No	C	
39	9 Maintenance of Departmental Activities Register	No	C	
	Check Departmental Documentation should be available with I/c of dept.  1. Dept. Time Table  2. Faculty-wise Annual Curricular Pl  3. Facultywise wise Teaching Diary Plans  4. Departmental Activity Register all with documentary Evidences  5. Faculty wise API formats along Evidences	ans & Available	А	And the second
		W. Dar	Oi-	Exates Hadas D
-	Signature of the Faculty membe	HIS COLUMN TO THE COLUMN TO TH	Signa	ture of the Head of Departme
	Note: the Format is to be filled by the faculty and certified by the Principal and submitted to the Academic Audit Team.	r all		

## Format - II ( To be filled individually by Faculty Member)

Centre/SubCentre: Dr. BATU. Lonere -

1	Campus Name of the College and Address	Designation of the second	10 1 1 0 0 0 7 1	non Daised			
2	Name Cd B	Department of Petrochemical Engineering, Dr. BATU, Lonere Raigad					
	of the faculty Member	Prof. Vijaya Bhagwanji Satghare					
3		Petrochemical Engineering-I (BT (BTCHE 606), Mass Transfer Ope Lab (BTCHL 408), Petroc		t Transfer Operation			
4	Date of Joining in Degree College/Date of Joining in the present Institution	2/2/2021	Date of Retirement:	14/12/2021			
S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation Suggestions by Academic Advisors			
		Curricular Aspects					
5	Annual Curricular plan	Yes - course schedule and internal assesment made avialable at the beginning of semester					
6	Curriculum enrichment / Value addition	Assignment made avialable	A				
7	Whether conducting Add on Courses & role in conduct of course	No	С				
8	Feedback from students	feedback collected at the semester	Ä				
	Teaching, Learning and Evaluation						
9	Teaching Diary & Teaching Plan	Available in course file	A				
10		more than 90%	A				
11		Available in course file	A	j			
12		Yes	B	1			
13	Record of students assignments	Yes - avialable					
14	Record of field trips	No	C				
15	Record of student seminars conducted	No	C	-			
16	if any (Quiz, Role play)	140	С				
17	Other Student centric learning Methods	No	C				
18	Record of Extension Lectures given	No	C	4			
19	Record of invited lectures arranged	No	C				
20	Record of internal examinations and	Yes -Avialable	A				
21	Pass percentage of University Exams / Semester in respective subject for the last three years.(paper wise)	100%	А				
22	Record of remedial classes conducted for	No					

i.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation Suggestions by Academic Advisors		
		Research, Extension and consu	Itancy			
23	Record of Research work ( Paper	Vil	c			
24	Record of Student Projects	Yes avialable				
25	organized /Paners presented	Yes, Available in Departmental Activity Register.	В			
26	Record of extension work undertaken	Nil	С			
27	Record of MoUs, if any	Nil	С			
28	restrict of concentancy more	Nil	C			
		Infrastructure and learning Re				
29	Utilization of Departmental Library	No	C			
30		No	C			
31	Virtual labe / Open Educational Resources	No	С			
		No	C			
	Student support and progression					
32	Record of Activities conducted to contribute to the students' career opportunities	No	С			
33	Mentoring / Counselling to students for curricular and co-curricular activities	No	С			
34	Newspaper clippings or other materials as	No	C			
	Any Student team project for Technology Development	No	C			
-		Governance and Leaders	ship			
35	Record of additional administrative responsibilities performed	No	c			
36	Record of innovative practices	No				
37	Any outstanding contribution	No				
38	Whether above (related activities ) entered in into Departmental Activities Register	Yes	A			
39	Maintenance of Departmental Activities	Yes	A			

S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/ Suggestions by Academic Advisors
40	Check Departmental Documentation ( should be available with I/c of dept.)  1. Dept. Time Table  2. Faculty-wise Annual Curricular Plans  3. Facultywise wise Teaching Diary & Plans  4. Departmental Activity Register along with documentary Evidences  5. Faculty wise API formats along with Evidences	Avialable	A	
	Signature of the Faculty member	Blaghare	13/600	Head of Departmen

Format - II (To be filled individually by Faculty Member)

Name of the College and Address Name of the Faculty Member	Department of Petrochem	t Art. Inc. in DDA	TILL I Daigned	
Name of the Faculty Mombas		test tenomoremo LIDA	11). Lonere Kaigau	
at the ractify Member	Prof. Vidyabal K. Pawar	icai Engineering, DDA		
Name of the Subject taught during academic year	Process Equipment Design and Drawing, Product Design Engineering-I and Optimization Chemical Engineering, Chemical Reaction Engineering -I (Lab)			
Date of Joining in Degree College/Date of Joining in the present Institution	15/01/2021	Date of Retirement:	14/12/2021	
Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Suggestions by Academic Advisors	
	Curricular Aspects			
Annual Curricular plan	Yes - course schedule avialable at the beginning of semester.	A		
Curriculum enrichment / Value addition	Assignment made avialable	A		
Whether conducting Add on Courses & role in conduct of course	No	c		
Feedback from students	Feedback collected at the semester end	В		
	Teaching, Learning and Evalu	ation		
Teaching Diary & Teaching Plan	Yes, Available in Course File.	A		
Coverage of syllabus so far (%)	More than 90%			
Record of students attendance	Yes, Available in Course File.	Á		
Use of ICT - PPT & Audio-video Aids	Yes.	В		
Record of students assignments	Yes.			
Record of field trips	No.			
Record of student seminars conducted	Yes	A		
Record of academic competitions conducted if any (Quiz, Role play)	No.	C		
Other Student centric learning Methods	No.	<u>C</u>		
Record of Extension Lectures given	No.	C		
Record of myred rectars arms				
CECOFU OF INCINAL CARDINATED IN		A		
Pass percentage of University Exams /		A		
		C		
	Date of Joining in Degree College/Date of Joining in the present Institution  Activity  Annual Curricular plan  Curriculum enrichment / Value addition  Whether conducting Add on Courses & role in conduct of course  Feedback from students  Teaching Diary & Teaching Plan  Coverage of syllabus so far (%)  Record of students attendance  Use of ICT - PPT & Audio-video Aids  Record of students assignments  Record of student seminars conducted  Record of student seminars conducted  Record of academic competitions conducted if any (Quiz, Role play)  Other Student centric learning Methods  Record of Extension Lectures given  Record of invited lectures arranged  Record of invited lectures arranged  Record of internal examinations and University Exams  Pass percentage of University Exams / Interest three years. (paper wise)	Date of Joining in Degree College/Date of Joining in the present Institution  Activity  Status (Give Details, not just Yes/No)  Curricular Aspects  Annual Curricular plan  Yes - course schedule avialable at the beginning of semester.  Curriculum enrichment / Value addition  Whether conducting Add on Courses & role in conduct of course  Feedback from students  Feedback from students  Feedback collected at the semester end  Teaching Diary & Teaching Plan  Coverage of syllabus so far (%)  Record of students attendance  Use of ICT - PPT & Audio-video Aids  Record of students assignments  Yes.  Record of students assignments  Yes.  Record of student seminars conducted  Record of academic competitions conducted if any (Quiz, Role play)  Other Student centric learning Methods  No.  Record of invited lectures arranged  Record of internal examinations and Juiversity Exams  Pass percentage of University Exams / cemester in respective subject for the st three years. (Paper wise)  Record of remedial classes conducted section bearings.	Date of Joining in Degree College/Date of Joining in the present Institution  Activity  Status (Give Details, not just Yes/No)  Curricular Aspects  Curricular Aspects  Annual Curricular plan  Yes - course schedule avialable at the beginning of semester.  Curriculum enrichment / Value addition  Whether conducting Add on Courses & role in conduct of course  Feedback from students  Feedback from students  Feedback collected at the semester end  B  Teaching, Learning and Evaluation  Teaching Diary & Teaching Plan  Coverage of syllabus so fac (%)  Record of students attendance  Use of ICT - PPT & Audio-video Aids  Yes.  Record of students assignments  Record of students assignments  Record of students seminars conducted  Record of academic competitions conducted if any (Quiz, Role play)  Other Student centric learning Methods  Record of invited lectures arranged  No.  Curricular Aspects  Annual	

S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B(Satisfactory)/C	Recommendation/Suggestions by Academic Advisors
23	Record of Research work (,Paper publication, Book publication, Articles)	No.	(poor) after Observation	
24	Record of Student Projects	Yes- available		
25	Record of seminars / workshops attended / organized /Papers presented	V- 1 711 · B	B	
26		Nil	c	
27	Record of MoUs, if any	Nil	-	
28	Record of Consultancy work	Nil	C	<del> </del>
		Infrastructure and learning Res		
29	Utilization of Departmental Library	No.		
30		140.	C	
30	Availability of CDs, Videos	No.	C	
31	Virtual labs / Open Educational Resources (OERs)		C	
	Development of any educational resource	No.	C	
		Student support and progre	ssion	
32	Record of Activities conducted to contribute to the students' career opportunities	No	C	
33	Mentoring / Counselling to students for curricular and co-curricular activities	No.	C	
34	Newspaper clippings or other materials as additional resource	No.	C	
	Any Student team project for Technology Development	No.	C	
		Governance and Leaders	nip	
35	Record of additional administrative responsibilities performed	Nil	C	
36	Record of innovative practices	No.		
37	Any outstanding contribution	No.	C	
38	Whether above( related activities )entered in into Departmental Activities Register	Yes	В	
39	Maintenance of Departmental Activities Register	Yes	A	
40	Check Departmental Documentation ( should be available with I/c of dept.)  1. Dept. Time Table  2. Faculty-wise Annual Curricular Plans  3. Facultywise wise Teaching Diary & Plans  4. Departmental Activity Register along with documentary Evidences  5. Faculty wise API formats along with Evidences	Yes.	A	
	Signature of the Faculty member	Page 2 of 3	Signature of	the Head of Department

# Dr. Babasaheb Ambedkar Technological University Academic Audit of Engineering Colleges Format - II (To be filled individually by Faculty Member)

Centre/SubCentre: Dr. BATU.

Lonere -Campus Raigad District: Name of the College and Address Department of Petrochemical Engineering, DBATU, Lonere Raigad Name of the Faculty Member Prof. Harshada Ramesh Jadhay Odd Semester: Sem: 1/1 Mechanical Operations (BTCHC 304), Fluid Flow Operations Lab Name of the Subject taught during (BTCHL308). 3 Even Semester: Sem: 1V Numerical Methods in Chemical Engineering (BTCHC401), academic year Programming Languages Lab (BTCHL409). Date of Joining in Degree College/Date 15/01/2021 of Joining in the present Institution Date of Retirement: 14/12/2021 Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation S.No. Activity Status (Give Details, not just Yes/No) Recommendation/Suggestions by Academic Advisors Curricular Aspects Yes - course schedule avialable at the 5 Annual Curricular plan A beginning of semester. Curriculum enrichment / Value Tutorials and notes were available. addition B Whether conducting Add on Courses & role in conduct of course C feed back collected at the semester 8 Feedback from students A Teaching, Learning and Evaluation 9 Teaching Diary & Teaching Plan Yes, Available in Course File. A Coverage of syllabus so far (%) 10 More than 90% Record of students attendance 11 Yes, Available in Course File. 12 Use of ICT - PPT & Audio-video Aids Yes. B Record of students assignments 13 Yes. 14 Record of field trips C 15 Record of student seminars conducted Record of academic competitions 16 No. conducted if any (Quiz, Role play) C 17 Other Student centric learning Methods No. 18 Record of Extension Lectures given No. 19 Record of invited lectures arranged Internal Examination Marks record is Record of internal examinations and 20 University Exams A available. Pass percentage of University Exams / 21 Semester in respective subject for the 100% last three years.(paper wise) Record of remedial classes conducted No. 22 for slow learners Research, Extension and consultancy

\$.No.	Activity	Status (Give Details, not just Yes/No)	Impression of Academic Advisor stong with grade A/Good)/B/ Satisfactory)/C (poor) after Observation	Recommendation/Suggestions by Academic Advisors
23	Record of Research work (Paper publication, Book publication, Articles)	No.	c	
24	Record of Student Projects	No.	C	
25	Record of seminars / workshops attended / organized / Papers presented	Yes Available in Departmental	A	
26	Record of extension work undertaken	No.	C	
_ 27	Record of MoUs, if any	No.	C	
28	Record of Consultancy work	No.	-	
		Infrastructure and learning Res		
29	Utilization of Departmental Library	No.	C	
30	Availability of CDs, Videos	No.	C	
31	Virtual labs / Open Educational Resources (OERs)		A	
	Development of any educational resource	No.	C	
		Student support and progres	ssion	
32	Record of Activities conducted to contribute to the students' career opportunities	Organized Online Workshops for students 1. Soft Skill, 2 Basic to Advance MS Excel Workshop.	A	
33	Mentoring / Counselling to students for curricular and co-curricular activities	No.	C	
34	Newspaper clippings or other materials as additional resource	No.	C	
1	Any Student team project for Technology Development	No.	C	
		Governance and Leadersh	nip	
35	Record of additional administrative responsibilities performed	Second Year Class Teacher.	A	
36	Record of innovative practices	No.	· C	
37	Any outstanding contribution	No.	C.	
38	Whether above( related activities )entered in into Departmental Activities Register	Yes	A	
39	Maintenance of Departmental Activities Register	Yes	A	
40	Check Departmental Documentation ( should be available with I/c of dept.)  1. Dept. Time Table  2. Faculty-wise Annual Curricular Plans  3. Faculty-wise wise Teaching Diary & Plans  4. Departmental Activity Register along with documentary Evidences  5. Faculty wise API formats along with Evidences	Yes.	A	
	Signature of the Faculty member	Page 2 of 3	Signature of the	ne Head of Department

Dr. Babasaheb Ambedkar Technological University Academic Audit of Degree Colleges Format for Student Strength Parliculars

Date of Audit: 22/10/2021 District: Raigad

Name of the College, Place: Dr. Babasaheb Ambedkar Technological University, Lonere, Department of Petrochemical Engineering

Zone:

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Vear 2020-21

	SBC (W)	-	-	0	0
	SBC (M)	-	۳,	-	C1
	(W)	0	0	0	0
	VJNT (M)	0	_	0	×
	OPEN( W)	0	2	4	3
	OPEN( M)	9	∞	29	20
	PH (W)	0	С	0	0
	E (S	0	0	0	0
=	OBC (W)	m	m	(C)	2
TRENC	OBC (M)	9	7	23	91
ADMITTED STRENGTH	NT/DT (W)	0	2	0	0
ADM	ST NT/DT NT/DT OBC OBC PH PH OPEN( OPEN( VJNT VJNT SBC SBC (W) (M) (M) (M) (M) (M) (M) (M) (M) (M) (M	0	2	3	0
	TS (%)	0	0	0	С
	ST (N)	0	0	0	-
	SC (W)	0	-	7	-
	SC (N)	C!	5	7	0
	TOTAL	23	36	92	63
	Total	7	6	13	9
	Total	61	7.5	63	57
	SANCTIONED STRENGTH	60+3	63+15	63+15	63+15
	YEAR	-	=	Ξ	~
	GROUP COMBINATION YEAR STRENGTH	Petrochemical	Petrochemical	Petrochemical	Petrochemical
	GROUP	51	31	91	93
	70 12		1		1

Dr. S. S. Mother

Dr. Babasaheb Ambedkar Technological University
Academic Audit of Department of Petrochemical Engineering
Action Taken Report by Head of the Department (ATR)

Name of the University Department.  Name of the HoD. email & Mob.No  Name of the Vice-Principal. email &  Name of the IQAC Coordinator. ema  Year of Establishment & own land if  NBA accreditation  NAAC Grade with Cycle. Accredite  Accredited Status of Preparations)  UGC Recognition (2F & 12 B)  College Working Hours( if shift system)  College Working Hours( if shift system)  No. of Posts Sanctioned: 07				
	Name of the University Department, Website, email and Ph. No.	Department of	Department of Petrochemical Engineering, Dr.BATU - Lonere Campus	re Campus
	email & Mob.No	Dr. S. S. Metka	Dr. S. S. Metkar, ssmetkar@dbancacin, 8000172102	
	Name of the Vice-Principal, email & Mob. No.	Not applicable		
	Name of the IQAC Coordinator, email & Mob. No.	Dr. S. L. Nalba	Dr. S. L. Nalbalwar, shalbalwar@dbana.ac.in , 8793814621	
	Year of Establishment & own land if any	1989 . Yes		
		Not at present,	Not at present, Accredition twice in the past i.e 2003-2006, 2007-2012	2007-2012
	ited Year & CGPA (if not	B grade, Furst o	B grade, First cycle 2015-235 NAAC executive committee no and date - EC(SC)_06_A&A_083 dated 3-3-2015 Dr Babasaheb Ambedkar Technological University Lonere Raigad	and date - EC(SC_06_A&A_083 dated 3-3
		Yes		
	College Working Hours( if shift system mention details of both shifts & give reasons for shift system)		т с 000 р т г 000 г т 000 г	
		Regular Working: 03	Contract Working: 07	Guest Working: Nil
Course wise & Year w enclosed & to be subn	Course wise & Year wise Students strength particulars ( Proforma enclosed & to be submitted along with AAR)		Copy attached	

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	О-П	II - CURRICULAR ASPECTS	R ASPECTS	
	Peans	Recommo A(Good)	Recommendation/Suggestions by Academic Advisors A(Good)/B(Satisfactory)/C (poor) after observation	Action Taken by the Head of
	TIGHT	Grade	Recommendation	Department
12	Implementation of Annual Institutional Plan	Д	Plan is available	2020-2021 record is maintained
13	Departmental Annual Curricular Plans	Ø	Plan need to be more exhaustive	Datailed plan is prepared
14	Whether above two circulated among students	В	Prepared but records not avialable	Circulated
15	Departmental Activity Register during the academic year	A		Upto date maintained
91	Add-on Courses (Department-wise) completed during 2019-2020	В	More motivation for participation and record for the same should be maintained	Students have opted for add-on courses partially
17	Add-on Courses (Department-wise) in 2020-2021	V	Record is available	
81	Coverage of Syllabus (Average Percentage)	A	Actual implementaion needs to be in lined with plan	
19	Teaching of Humanities and Foundation Courses	A	Present in curriculum	
20	No. of New UG and PG Courses introduced this year:	NA		
21	Maintenance of Student Attendance Registers	Ą	Maintained	
22	Feedback forms on Curriculum from students	A	In Place	
	III - TEACHII	NG, LEARNI	- TEACHING, LEARNING & EVALUATION	
23	Teaching Diaries & Plans in the Prescribed Formats	В	Requires improvement	Maintained

Page 1 of 8

Records are available

Needs enhancement

B

Co-Curricular Activities ( Depertment Level)

24

26 27 27 28	(para para para para para para para para	4		Records are available
	Conduct of Internal Examinations	V	Rubrics needs to be implemented for constant Examination paper setting are planned as assessment	Examination paper setting are planned a per the guidelines of Bloom Taxanomy
	Subject wise result analysis	V	Available in APR of individual Faculty	
100	Teacher wise result analysis	V	Available	
29	Remedial Classes	В	Tutorials are conducted	Tutorials and online guidance are made.
30	Record of Evaluation of Teachers by Students	A	In place	
	IV - RESEAL	RCH AND	IV - RESEARCH AND CONSULTANCY	
31	Is the College a Recognized Research Centre	Y'A		
32	No. of Research Guides in the College	NA	Faculty is not eligible according to new rules	
33	No. of Research Scholars working for Masters and Ph. D	·	r	
34	Major/Minor/Other Research Projects	U	Needs attaintion	Due to pandemic it was not focused, however will be planned in current year
35	Research Papers Published in previous academic year (International Anational)	В	Improvement is necessary	Partial improvement in place
36	Papers Presented in previous academic year (International/National/State)	C	Needs Improvement	Partial improvement in place
37	Books Published in previous academic year(Single Author/ Co Author)	b	,	Faculty are encouraged to generate e content
38 8	Seminars/Workshops/ Training Programme Conducted in previous academic year( International /National/ State )	В	Т	Significant improvement in AY 2020-2021
39 F	Record of Consultancy in previous academic year	O	Requires more efforts	Still need more focus
40 I	Record of MOUs in previous academic year	O	Efforts need to be put in	Still need more focus

Page 2 of 8

	V - E	XTENSION	V - EXTENSION ACTIVITIES	
41	Record of Subject/Department Related Extension Activities	В	Needs to be stream line	Partial improvement in place
42	Name of the NSS PO & Mobile No.	NA		
43	NSS Attendance register	NA	Record available at University level	
4	NSS activity register	NA	Record available at University level	
45	Name of the NCC ANO & Mobile No.	NA		
46	NCC Attendance register	NA	Record available at University level	
47	NCC activity register	NA		
48	Name of the Professional Club Coordinator & Mobile No.	O	Needs to start professional body chapter	Still need more focus
49	Professional Club Activities	O	Ĭ	Still need more focus
50	Name of the Women Empowerment Cell(WEC) Coordinator & Mobile No.	NA		
51	WEC Activities	NA		
52	Name of the Eco-Club Coordinator & Mobile No.	NA		
53	Eco- Club Activities	NA		
54	Name of the Consumer Club Coordinator & Mobile No.	NA		
55	Consumer Club Activities	NA		
56	Any other Club	NA		

Page 3 of 8

			T- PERMITTO MESOUNCE	
57	Name of the Librarian & Mob.No	NA		
58	Access timings of the Library	NA		
59	Circulation of Books among Students	NA	Number of book need to be added through book bank	Additional books are recommended for
09	Availability of Previous years Question papers	V	1	purchase every year
19	Record of Visitors	NA	Record available at University level	
62	Status of Library Automation	NA	Record available at University level	
63	c- Resources & e-Journals	NA	Record available at University level	Record is available
64	Name of SWAYAM Coordinator & Mob.No	NA		
65	Usage of Internet by students in the Library	NA	Record available at University Level	
99	Status of SWAYAM facilities functioning	NA	Record available at University Level	
29	Whether SWAYAM schedule is circulated to the students	VN	Record available at University Level	
89	Maintenance of SWAYAM Viewers' Register	VA	Motivation is needed to students to register for SWAYAM platform	Improvement in AY 2020-2021
	VII - STUDE	NT SUPP	VII - STUDENT SUPPORT ACTIVITIES	
69	Name of Physical Director & Mob.No	NA		
70	Record of Physical Education Department	NA	Department level In-charge to be appointed	
71	Records of events conducted and significant achievements in Sports & Games	В		No such events due to pandemic

(1)

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Endrat

Record of activities Career Guidance and placement cell	U	Records needs to be maintained	Available with individual faculty
Name of Dept Review Committee Coordinator & Mob. No.	U	Review committee has to be formed on urgent Review committe is formed	Review committe is formed
Implementation of DRC Action Plan	O	Not Planned	Could not be done
IQAC activities & maintenance of records, (Action Plan/Minutes of Meeting/ submission of AQAR to NAAC etc)	NA	Record available at University level	
Record of Support by Alumni Association	В	Needs to be registered	Alumni association is in place. Alumni advisory committe in place. Helping in placement and internshin
Record of Grievance Redressal Cell / Anti Ragging Cell	NA		Department faculty are members of these cells at University Invel
Mentoring / Counselling System			Mentoring and Counselling were done on line
	Page 5 of 8	38 H. C. J. L. L. C. L. L. C.	
		- Park	

Not possible due to pandemic condition

Records needs to be maintained

B

Y

Record of any other extra-curricular activities conducted

73

74

Record of cultural programmes conducted

72

Records are available

Appointed

Department faculty coordinator needs to be

Needs Improvement

B

Record of Students trained in different verticals

75

Record of Student trained and placed

9/

11

78

19

Maintenance of placement facilities & records

appointed

В

Needs Improvement

В

1

Name of Career Guidance Coordinator and Mob.No

80

81

82

83

84

Records are available

Record is available

	- ША	- BASIC A	VIII - BASIC AMENITIES	
85	Maintenance of drinking water	V	E.	
98	Maintenance of Sanitation	В		Status improved
87	Rest room for women students	Y		
88	Greenery	K		
68	Cleanliness	В		Status improved
90	Health Care Facility	¥		
16	Canteen	٧		
	IX - GOVER	NANCE A	- GOVERNANCE AND LEADERSHIP	
92	Management Committee Register	NA	Record available at University level	
93	Functioning of Committees in Administration (Minutes of Meetings)	NA	Record available with Chemical Engineering Department	Record is available
94	Awards/Achievements	O	Requires efforts	Improvement is observed and record is available
95	Faculty development initiatives if any	В	Record Available	Faculty are motivated to attend and conduct STTPs , workshops and NPTEL courses
	- X	X - IT INITIATIVES	ATIVES	
96	e-class rooms ( Number & Usage)	A	More usage needed	
16	Internet Centre	၁	Needs Improvement	Status improved.
86	Computer labs (No. of labs & working systems)	В	Numbers need to improve	Plan is in place to improve current cream

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Frethoe

		-IX	XI - BEST PRACTICES	CTICES		
5	66	Record of best/innovative practices by the institution	V			
-	100	College Activity Register & Hard Copy of AQAR previous academic year	В		Available for previous years.	
		Over All Impression on the Department				
		Signature of the Head of Department (22/10/202)				

# Dr. Babasaheb Ambedkar Technological University Academic Audit of Petrochemical Engineering Department Format for submission of Academic Advisors Report (AAR) Name of the Department: Petrochemical Engineering

Sr.No	Item	Grade *	Impression
1	Conduct of Classes	A	
2	Co-Curricular Activities & Extra- Curricular Activities	A	
3	College Activity Register	A	
4	Departmental Activity Registers	A	
5	Discipline in the campus	-	
6	IQAC	-	
7	Placement	В	
8	Departmental research	ß	
9	Career Guidance Cell	B	
10	SWAYAM facilities	-	
11	Library	-	
12	Research & Laboratories	A	
13	Games & Sports	-	
14	Humanities and Foundation Courses	-	
15	Teacher Evaluation by Students	A	
16	Maintenance of Registers	A	
17	Teaching Diaries & Plans	A	
18	NCC / NSS	-	b)
19	Women Empowerment Cell	-	

Sr.No	Item	Grade *	Impression
20	Professional Club	-	
21	Sanitation & drinking water	R	
22	Cleanliness	B	
23	Functioning of Teachers	A	
24	Over All Impression on the College	A	
25	Any other importnat observation		

<sup>\*</sup> A (Good) / B (Satisfactory) / C (Poor)

Signature of Academic Advisors:

1 Sklattute (Dr. s. R. Satpute) 2 My (Mahesh Purohit) (Mahesh Purohit) 3 Sult (S. H. Gharat)

### Academic Audit Summary Sheet: Petrochemical Engineering Department

Institution: Dr. Babasaheb Ambedkar Technological University Lonere-Raigad

Program Title: B. Tech. in Petrochemical Engineering

Academic Audit Status: Present one 2019-2021 and 2020-2021 (22/10/2021)

First Academic Audit 2014-2015 & 2015-2016 (16/10/2016)

Second Academic Audit 2016-2017 (31/07/2017) Third Academic Audit 2017-2018 (09/02/2019) Fourth Academic Audit 2018-2019 (20/11/2019)

Each undergraduate program undergoes either an academic audit or external peer review.

The criteria used to evaluate a program appear in the following "Academic Audit Summary Sheet" have been selected based on the Academic Audit Focal Areas to be consistent with the spirit and process of the Academic Audit.

A check-mark should be placed in the appropriate box to indicate whether a program has "met" or "not met" each criterion in the table. If the % is less than 50% of the target value then the program has not met the objective of the Program.

If a particular criterion is inappropriate or not applicable to the program, the criterion should be marked "NA".

When combined with the self-study and the written report prepared by the visiting team, the Summary Sheet will facilitate institutional development of a program action plan to ensure continuous quality improvement.

#### AUDIT TEAM

Name: Mr. Mahesh Purohit Title: Sr. Vice President (Work)

Industry: Vinati Organics Ltd. Mahad

Signature:

Date: 22/10/2021

Name: Dr. Sandip Gharat

Title: Professor

Institution: Gharda Institute of Technology, Lavel Ratnagiri

Date: 22/10/2021

Signature: -

Name: Dr. Satchidanand Satpute Title: Assistant Head, Research

Institution: Vishwakarma Institute of Technology, Pune

Signature:

Date: 22/10/2021

#### Academic Audit Summary Sheet

Institution/University Department: Petrochemical Engineering

Program Title: B.Tech. in Petrochemical Engineering

Degree Level: Undergraduate Program

Academic Audit Status: Present one 2019-2021 and 2020-2021 (22/10/2021)

First Academic Audit 2014-2015 & 2015-2016 (16/10/2016)

Second Academic Audit 2016-2017 (31/07/2017) Third Academic Audit 2017-2018 (09/02/2019) Fourth Academic Audit 2018-2019 (20/11/2019)

#### **Evaluation Results**

Sr. No.		Met / not met	% achieved
1	LEARNING OBJECTIVES AND RESOURCES		
1.1	The Faculty member has prepared Course Files as per the learning objectives of the program	m	85
1.2	The Faculty member has shared his course file with the students of the class through Intranet/ Social media or any other means	m	75
1.3	The faculty member documented specific benchmarks of his course to account for learning objectives	m	50
2	CURRICULUM AND CO-CURRICULUM		
2.1	The faculty member collaborated with other faculty members for effective design, sequence of courses and delivery of course for improvements and documented these efforts appropriately	m	80
2.2	The faculty member documented a plan for analyzing the course content in terms of achieving program objectives.	m	70
2.3	The faculty member documented a plan for review of curriculum and co-curriculum comparing those with the best practices elsewhere or in best institutes	m	70
3	TEACHING AND LEARNING PROCESSES		
3.1	The faculty member analysed his/her own methods for improving teaching and learning throughout the program and practiced them.	m	85
3.2	The faculty member developed and promoted effective instructional methods, other than lecturing, so that student achieve the learning objectives.	m	80
3.3	The faculty member developed materials for achieving student mastery of learning objectives.	MM	40
4	STUDENT LEARNING ASSESSMENT		
4.1	The Faculty member has announced the method of continuous assessment at the beginning of the course and followed it	m	85

	throughout.		
4.2	The faculty member developed techniques, other than written test, for the student learning assessments to improve the program.	M	65
4.3	The faculty member has documented assessments of student learning	iη	85
4.4	The faculty member has developed measurable indicators of student learning success	m	70
4.5	The faculty member has developed and documented a continuous improvement plan that incorporates multiple measures to assess student learning and program effectiveness.	m	65
4.6	The Student has put in his/her own efforts in the learning process from resources outside the Institute.	m	80
4.7	The students are challenged enough to use their knowledge creatively	m	75
5	QUALITY ASSURANCE		
5.1	There is an existing process in the Institute to understand the parameters of quality of teaching and learning processes	m	70
5.2	There is an initiative to understand the parameters of quality of teaching and learning processes, if not existing.	m	65
5.3	There is commitment to making continuous quality improvements in the program a top priority	Μ	80
5.4	The performance of students in Internal Assessment and University Examinations is comparable.	m	85
5.5	There is sufficient feedback obtained from stakeholders in development of academic processes in the College.	m	80
5.6	There is sufficient evidence of attempts to understand the industries/ Society's need in delivery of appropriate course content to the students	m	65
6	OVERALL ASSESSMENT		
6.1	The Academic Audit process was Faculty driven.	m	85
6.2	The Academic Audit process (self-study and visit) included descriptions of the program's quality processes including all five focal areas.	W	70
6.3	The Audit resulted in a candid description of weaknesses in program processes and suggestions for improvements.	m	80
6.4	There is openness and thoroughness of the faculty members in completing the academic audit of this program.	M	85
6.5	The Academic Audit process included involvement of and inputs from stakeholder groups identified by the program's faculty members	m	80
7	FOLLOW-UP OF PREVIOUS AUDIT		
7.1	An action plan was developed as a result of the previous Academic Audit.	(J.)	80

7.2	There is documented evidence that recommendations made by the previous Academic Audit Team have been considered and, when feasible and appropriate, implemented and tracked.	m	80
7.3	There is documented evidence that the program has been implemented and tracked the progress of and use of results from improvement initiatives cited by the faculty its self-study.	m	70
8	SUPPORT		
8.1	The program regularly evaluates its library, equipment and facilities, encouraging necessary improvements within the context of overall college resources.	m	65
8.2	The program's operating budget is consistent with the needs of the program.	m	70
8.3	The program has a history of enrolment rates sufficient to sustain high quality and cost-effectiveness.	m	65
8.4	The program has a history of graduation rate sufficient to sustain the quality of the program.	m	65
8.5	The program has a history of placement rate sufficient to sustain high quality of program outcome.	m	50
8.6	The Program has a history of generating support from industries and alumni to sustain itself.	m	.50



Department of Petrochemical Engineering
Academic Audit Report 2021-2022

# Table of Content

Sr. No	Title
01	Department Data
02	Academic Audit Faculty Data Sheet
03	Student Strength Particulars
04	Action Taken Report
05	Academic Advisors Report
06	Academic Audit Summary Sheet
07	Academic Audit Summery Sheet-
	Evaluation Results

	Ξ	70	9	90	7	so.	ž.	u	2	<u> </u>	1 - D	Nan			3
)	No. of Posts Sanctioned: 07	Department Working Hours (if shift system mention details of both shifts & give reasons for shift system)	UGC Recognition (2F & 12 B)	NAAC Grade with Cycle, Accredited Year & CGPA ( Status of preparation if not Accredited)	NBA accreditation of courses	Year of Establishment & own land if any	Name of the IQAC Coordinator, email & Mob. No.	Name of the Vice-Principal, if any, email & Mob. No.	Name of the HoD, email & Mob. No	Name of the University Department, Website, email and Ph. No.	I - DEPARTMENT PROFILE	Name of the University Department:-Petrochemical Engineering	Petrochemical Engineering Department Data 2021-2022	Academic Audit of Department of Petrochemical Engineering	Dr. Babasaheb Ambedkar Technological University
	Regular Faculty Working: 03	8.00 A.M. TO 6.00 P.M.	Yes		Not at Present, accres	1989, Yes	Dr. Tandale M. S 1	NA	Dr. S S. Metkar, ssm	Department of Petrochemical En- ssmetkar@dbatu.ac.in,8600172102		ineering	ring Department D	ment of Petrochen	dkar Technologica
	Contract Faculty Working:07	P.M.		B Grade, 1st Cycle, 2015, 2.35 NAAC Executive Committee No. & Date- EC(SC)_05_A&A083 dated 3-3-2015-Dr. Babasabeb Ambedkur Technological University, Lonere-Maharashtra	Not at Present, accredited twice in the past t.e., 2003-2006, 2007-2012		Dr. Tandale M. S., instandale@dhatu.ac.in, 9561871212		Dr. S.S. Metkar, ssmetkar@dbatu.ac.in,8600172102	Department of Petrochemical Engineering, www.dbatu.ac.m. ssmetkar@dbatu.ac.m,8600172102			ata 2021-2922	tical Engineering	University
	Visiting Faculty: Nil			e Committee No. & Date- Babasaheb Ambedkar	-2006, 2007-2012		71212			atu.ac.in.		Period of Audit: 2021-2022			

15 P GILLES

Areduse Method

7	5	22	2	5	2	
Add-on Courses (Department-wise) completed during previous year	Department Calendar /Department /Magazine	Department Activity Register during the academic year	Whether the above two circulated among Students?	Departmental Annual Curricular Plans	Implementation of Annual Departmental Plan	Пет
Yes, Faculty nave undergone and on courses recommended by SWYAM and NPTEL. Record is maintained.	Yes, Forwarded to all staff & faculty	Department has separate registers for department activity, guest lectures and department meetings.	Displayed on department notice board & forwarded to student official WhatsApp group and email to respective class C.R. and L. R.	Yes, Department Plan was prepared including different departmental activities	Annual Department Plan was prepared well before start of Academic Year	Status ( Give Details, not just Yes/No)
A	A	A	A	A	A	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation
Completed by stanly	Tacally < Stable.	Register is	Circulated to	plans are	Ahnnual Dept plan is in place	Recommendation/Suggestions by Academic Advisors

<sup>\*:</sup> Prepared for Academic Year 2021 - 2022

courses from NPTEL and SWAYAM  2021- Platform. Record is maintained.  Platform. Record is maintained.  Approximately 95%  entage)  Implemented as per guidelines by UGC/AfCTE at First Year and Second Approximately 95%  Implemented as per guidelines by UGC/AfCTE at First Year and Second Peacond Year syllabus is revised in Academie Year 2021-2022.  Second Year syllabus is revised in Academie Year 2021-2022.  LEARNING AND EVALUATION  LEARNING AND EVALUATION  LEARNING AND EVALUATION  Teaching plans are prepared and the start of semester and course files in the start of semester and course files are maintained by individual faculty members.  Different activities through PESA (Perochemical Engineering Student Association) are conducted at department level.  Yes, participation in events organized by other institutes.  Yes, participation in events organized by other institutes.	Prepared for Au	Academic Competitions ( 25 University Let Above)	Co-Curricular Activities ( Department level)	Teaching Diaries Teaching Plans in Prescribed Format	II-TEACH	Maintenance of 22 Student Attends Registers	No. of No. 21 Courses i	Teaching of Humanities and Foundation Cou	19 Coverage (Average	Add-on Courses (Department-wir during current academic year 2 2022
from NPTEL and SWAYAM  a. Record is maintained.  A Cow pented as per guidelines by ACCTE at First Year and Second  If Engineering  Fengineering  AND EVALUATION  To semester and course files and second (APR) by individual  to Head of the Department at to I semester and course files and activities through PESA hemical Engineering Student stion) are conducted at ment level.  AND EVALUATION  Tea  AND EVALUATION  AND EVALUATION  AND EVALUATION  Tea  To I semester and course files and activities through PESA hemical Engineering Student stion) are conducted at ment level.  ANOTE Trestitutes.	edemic Year 20.	ions ( y Level &	cular . ( ent level)	Diaries & Plans in d Formats	ING, LEAR	vitendance	ntroduced	of es and on Courses	of Syllabus Percentage)	ourses ent-wise) rrent year 2021-
More Hore	SC. FR.	Yes, participation in events organized by other institutes.	Different activities through reason (Petrochemical Engineering Student Association) are conducted at department level.	Teaching plans are property and submit to Head of the Department at the start of semester and course files are maintained by individual faculty members.	NING AND EVALUATION	Yes, It is maintained through Annual Progress Record (APR) by individual faculty.	Second Year syllabus is revised in Academic Year 2021-2022.	Implemented as per guidelines by UGC/AICTE at First Year and Second Year of Engineering	Approximately 95%	Yes, Faculty have undergone for courses from NPTEL and SWAYAM Platform, Record is maintained.
18 0 De 7 1 2 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1/	邸	Ø	*		*	b	>	7	A A
	Andrew .	- Hore standants meeds to participate IN Technical	- Number of activities to	& planties conduction	Teachin diarios		as porthe recent down	durity first & see card y	Courses available	Completed by 3 tack 17

*: Prepared for Academic Year 2021 - 2022	No. of Research Scholars working for Masters & Ph. D	No. of Research  Nil - for Ph.D. program. However, all Guides in the three regular teachers are Guides for Department  M. Tech Program in Chemical Engg.	Is the Department a: Recognized Research No. Centre?	IV - RESEARCH AND CONSULTANCY	Record of Evaluation At the end of every semester feedback of Teachers by is collected, analyzed and shared with respective faculty. Record is available.	Subject wise tutorial classes are conducted for students & records are available with individual faculty.	Teacher wise result  Yes, record is available.	Subject wise result  analysis. Yes, record is available.	Examinations-Unit, and Test-III are conducted by the Half-Yearly and Pre Department and record is available final Semester examinations are conducted by University Examination Section.
at Gul	1	n. However, all are Guides for emical Engg.	<u> </u>		ester feedback ad shared with A	classes are & records are faculty.	A	*	and Test-III are conducted by the Department and record is available. A Semester examinations are conducted by University Examination Section.
the strate		apply of yet recignized as	the ensure, dept- should be RC		Well documental	provision is not in place but remeded evaluation is in place			evaluations chame

37	36	33	ŭ,
Books Published in previous Academic year ( Single Author/ Co Author)	Papers Presented in previous academic year(International/ National/ State)	Research Papers Published in previous academic year (International/ National)	Major/Minor/Other Research Projects
Z	Yes, 02 papers presented by Dr. S.S. Metkar and Dr. D. P. Pawar	N	N.
1	P	1	Ú
	- frequently must-publish of conference	- Ebbots must be diken to	apply I for Research project to







39	3%
Record of Consultancy in previous academic year	Seminars/Workshops Training Programme Conducted (International/ National/ State)
NE	1. Online Quiz Competition on "Constitutional Democracy" held by department of Petrochemical Engg. Under the AKAM(a/75 on 25/03/2022).  2. Poster Competition held by department of Petrochemical Engg. Under the AKAM(a/75 on 27/06/2022).  3. Department has organized online webinar on "Career guidance for higher studies in abroad" on 14th Dec 2021 for second, third and final year students.  4. Department has organized workshop on "Awareness Program on Fire Fighting and Safety Precautions" (13/05/2022) for all the University students. Coordinator: Dr. S. S. Metkar and Prof. Harshada Jadhav.  5.Department has organized workshop on "Introduction to ASPEN Plus" (17/06/2022) Coordinator: Dr. S. S. Metkar and Prof. Harshada Jadhav.
C	*
- No consultania	

<sup>\*</sup> Prepared for Academic Year 2021 - 2022

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Bother

47	46	45	#	å	42	<b>±</b>	V - E	6
NCC activity register	NCC Attendance register	ANO & Mobile No.	NSS Activity Register	NSS Attendance Register	Name of the NSS PO & Mobile No.	Record of Subject/Department Related Extension Activities	V - EXTENSION ACTIVITIES	Record of MoUs in previous academic year
Maintained at the University level and the copy of the same is available in the department.	Maintained at the University level and the copy of the same is available in the department.	Major. Dr. M. P. Bhagat, 9422096090	Maintained at the University level and the copy of the same is available in the department.	Maintained at University level.	Dr. H. N. Warhatkar, 9403316374	Workshop on 'Awareness Program on Fire Fighting and Safety Precautions' (13/05/2022) for all the University students. Coordinator: Dr. S. S. Metkar and Prof. Harshada Jadhav. Record of the event is maintained at Departmental Level.	/ITIES	Na EN
+	A		4	ŧ	1	P		0
							Collapayates ber year	- 02 May should be done u

<sup>\*:</sup> Prepared for Academic Year 2021 - 2022

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Rother

55	22 23	52	51	50	49	4 %
Mobile No.  Consumer Club Activities	Name of the Consumer	Name of the Eco-Club Coordinator & Mobile No.	WEC Activities	Name of Women Empowerment Cell (WEC) coordinator & Mobile No.	Professional Club Activities	Name of the professional Club Coordinator & Mobile No.
Established at the University level. Employee Society and Xerox facilities are monitored by Consumer Club. Dr. S. S. Metkar is a member.	University Level Shree, Suresh Lad., 9975254439	Dr. R. P. Kate , 9420057789  Conducted through Nature Club at	Activities are conducted at the University Level. One of the events was coordinated by Dr. S. S. Metkar. Record is available.	Prof. S. P. Dhongade, 9960520092	N A	N <sub>A</sub>
t		. 1	CO	1	ı	ı
			more och wheel to be continued			Student charter of prolesences.

61	60	59	58	57	VI - I	56
Record of Visitors	Availability of Previous years Question papers	Circulation of Books among Students	Access timings of the Library	Name of the Librarian & Mob. No	VI - LEARNING RESOURCES	Any other Club
Maintained by University Library. The library is having open access.	Question bank is provided to University exam ination section, library, uploaded on University portal and available with individual faculty.	LIBMAN (Library Software) is used for circulation transaction. Library also runs book bank scheme sponsored by the Govt. of Maharashtra. http://dbatulibrary/opac or http://172.16.5.238/opac) online public access catalogue is used.	9.30 a.m. to 5,45 p.m. on working days. The library hours are extended during the time of final semester examinations.	Mr. Ajay Palkar (Library-in-charge) 9028647912	ES	Yes, activities are conducted at University level. Dr. V. S. Sargade is the University Coordinator. Dr. S.S Metkar is the coordinator of the artist club of the University.
	7	*	Q3			1
	Yes available.		Liming should be 800 W 8 pm.			

<sup>\*:</sup> Prepared for Academic Year 2021 - 2022



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67	66	65	64	63	62
Whether SWAYAM schedule is circulated to the students	Status of SWAYAM facilities functioning	Name of SWAYAM Coordinator & Mob. No	Usage of Internet by students in the Library	e-Lessons & e- Resources/ e-Journals	Status of Library Automation
Yes, it is circulated by Dr. R. S. Pawade and Dr. S. L. Nalbalwar. The schedule was displayed on the notice board and was shared in official student whattsapp group.	University is recognised as an ACTIVE Local Chapter.	Dr. R. S. Pawade, 8698559938	Library has separate computer section around 02 computers are available with internet connectivity for students for accessing online journals and ebooks.	Various Journals and Resources are subscribed and available online.	The library is partially Computerized with the help of LIBMAN (Library Software). The circulation transaction, barcode generation, no dues certificates, reminder etc. work is carried out with the help of this software.
*	+	1	1	7	A
Tes Circulated.					partially automated:

<sup>\*:</sup> Prepared for Academic Year 2021 - 2022

	74	73	72	71	70	69	YII	68
Maintenance of Placement Cell facilities & records	Record of any other extra-curricular activities conducted	Record of Cultural programmers conducted	Records of significant achievements in Sports & Games	Records of events conducted	Record of Physical Education/Sports Department	Name of the Physical/Sports Director & Mob.No	VII - STUDENT SUPPORT ACTIVITIES	Maintenance of SWAYAM Viewers' Register
Detailed record is maintained at university level and copy of the same is available in the Department.  Dr. S. S. Metkar is the Department Training and Placement coordinator.	ental students participat maintained.	Different events are conducted at departmental level and record is maintained.	Record is maintained at University level and copy of the same is available in the Department.	Record is maintained at the University level and copy of the same is available in the Department.	Record is maintained at the University level and copy of the same is available in the Department.	Dr. P. B. Lokhande 8600674584	ORT ACTIVITIES	Partially maintained at University Level by the concerned coordinator. One of the courses for each semester is mandatory from NPTEL / SWAYAM platform and respective subject faculty monitor the progress of the students.
*	+	4	*	7	7			+

82	2	80	79	78	77	76
Record of Support by Alumni Association	IQAC activities & maintenance of records . (Action Plan/Minutes of Meeting/Proof of submission of AQAR to NAAC/Activity register etc)	Implementation of DRC Action Plan	Departmental Review Committee (DRC) Coordinator & Mob. No.	Record of activities Career Guidance	Name of Career Guidance Cell Coordinator & Mob.No.	Record of Student trained and placed
Alumini Association is placed at University level since Jan 2021. Alumini are activety involved in providing placement and internship to final year students. Departmental Alumini advisory committee is also in place and meetings are conducted in various regards.		Nil	Dr. S. S. Metkar, 8600172102	Record is available in the Department.	Dr. S. S. Metkar, 8600172102	Record is available in the Department.
7	7	ਯ	1	4	ı	A
		Corest hated.	DPC Should be			are maintained

<sup>\*:</sup> Prepared for Academic Year 2021 - 2022

Thether

10	8	89	88	87	86	88	IIA	200	83
Canteen	Health Care Facility	Cleanliness	Greenery	Rest room for women students	Maintenance of sanitation	Maintenance of drinking water	VIII - BASIC AMENITIES	Record of Anti Ragging cell	Record of Grievance Redressal Cell / Anti Ragging cell
Canteen is available in University campus.	Available in the University campus.  Dr. S. M. Mhatre is the Professor in charge.	Maintained at the University Level by Estate department. Record is available in the Department.	Maintained at the University level by Estate department.	Available at the University level on the ground floor. Record is available in the department.	Maintained by the University, Record is available in the department.	Water coolers with adequate filtration facility are available.	IES	In place at the University level, Dr. S. M, Mhatre is representing at University level.	Oniversity Women Grievance cell is in place at the University level. Dr. S. S. Metkar is representing at University Level.
r	7	A	1	A	4	31		83	*
		Record is		Yes available					

	96	X-I	95	94	93	92	17
	E-Class rooms ( Number & Usage)	X - IT INITIATIVES	Faculty development initiatives if any	Awards/Achievements	Functioning of Committees in Administration ( Minutes of meetings)	Management Committee Register	A - GOVERNANCE AND LEADERSHIP
	LH 001 is in place and used by faculty members.		Faculties encourage to attend workshops, STTP's & FDP's, Record is available.	Prof. Lubna Rawoot received Elite for NPTEL Online Certification Course. Mr. Sahil Chavan received 2022 POSCO Asia Fellowship. Three Students qualified in GATE Examination. Record is available.	Yes, record of Minutes of BoS meeting and departmental meetings are available.	Maintained at University level	ND LEADERSHIP
Re Ce	+		В	F	A	9.8	
Friedware			participate in FDPs.				

<sup>\*:</sup> Prepared for Academic Year 2021 - 2022

	100	99	X1-	86	97
Signature of the HoD	Department Activity Register & Hard Copy of AQAR of previous year (should be available with the HoD)	Record of best/innovative practices by the Department	XI - Best Practices	Computer labs ( No. of labs & working systems)	Internet Centre
	Available with the HoD.	I.Online Induction Program is conducted for new entrants.  2.Aspen Plus workshop was organized for the students.  Record are available.		07	Leased line from BSNL of 1 Gbps accessed through centralized facility (2 servers) at University level. Wi fi is available in faculty cabin and in computer laboratory for students.
1. Prof S. L. Pati) - 2. Dr. S. P. Ghuge Signatures of Academic	4	₽D .		Ø	A
huge - But	Corpres are	partially available	24	fourliby is refund	ovarlasic

<sup>&</sup>quot;: Prepared for Academic Year 2021 - 2022

## Dr. Babasaheb Ambedkar Technological University Academic Audit of Engineering Colleges

Format - II ( To be filled individually by Faculty Member) Centre/SubCentre: Dr. B. A. Tech. University, Lonere-Campus District: Raigad Name of the College and Address Department of Petrochemical Engineering ,DBATU, Lonere Raigad Name of the Faculty Member Dr. Sangeeta S. Metkar Name of the subjects taught during academic Chemical Reaction Engg.- I, Process Dynamics and Control, Chemical Reaction Engg.-II, Chemical Reaction Engg.-I Lab., Chemical Reaction Engg.-II Lab. Date of Joining in Degree College/Date of Date of Retirement: 31/08/2038 Joining in the present Institution 5/8/2004 Impression of Academic Advisor Recommendatio along with grade Status ( Give Details, not n/Suggestions by Activity A(Good)/B( Academic just Yes/No) Satisfactory)/C Advisors (poor) after Observation Curricular Aspects Yes, made avialable at the 5 A Annual Curricular plan beginning of semester Assignments and reading work if any will be A Curriculum enrichment / Value addition given during the semester. Videos were shown if required. NPTFLenun Proposed one course for Whether conducting Add on Courses & role in В stand be T.Y. and Final year students conduct of course incrented. Student feedback A Feedback from students collected in the last week of each semester Teaching, Learning and Evaluation Teaching diary and teaching A plan prepared before Teaching Diary & Teaching Plan beginning of the semester 10 Coverage of syllabus so far (%) A Record of students attendance Available in course file 11 A 12 Use of ICT - PPT & Audio-video Aids Yes A Yes, available in course file 13 Record of students assignments A and google classroom 14 Record of field trips Yes, available 15 Record of student seminars conducted Yes, available Record of academic competitions conducted if Yes, quiz was conducted any (Quiz, Role play)





S.No	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendati n/Suggestions b Academic Advisors
17	Other Student centric learning Methods	Conference paper presentation, Group presentations, Google classroom for every subject	А	
18	Record of Extension Lectures given	No	C	W. Standard
19	Record of invited lectures arranged	Yes	В	Should ambering
20	Record of internal examinations and University Exams	Yes, available in course file	A	
21	Pass percentage of University Exams / Semeste in respective subject for the last three years.(paper wise)	r CRE-I: 99%; PDC: 99 %; CRE-II: 85%; CRE-I Lab.: 100%; CRE-II Lab.: 100%	A	
22	Record of remedial classes conducted for slow learners	Tutorials are conducted.	В	hauld ergage clarres
	Researc	h, Extension and consultancy		
23	Record of Research work (,Paper publication, Book publication, Articles)	01 conference papers , 01 Jurnal paper in process	A	
24	Record of Student Projects	Yes, available	A	
25	Record of seminars / workshops attended / organized /Papers presented	Yes, available	Α	
26	Record of extension work undertaken	Nil	C	
27	Record of MoUs, if any	Nil		hauld impeale
28	Record of Consultancy work	Nil	C	
	Infrastru	cture and learning Resources		
	Utilization of Departmental Library	NA		
30	Availability of CDs, Videos	Yes	B 3	merave
31	Virtual labs / Open Educational Resources (OERs)	Yes, Available for CRE Lab.		Imperove ?
	Development of any educational resource	Video lecture preparation for CRE subject in process	В	
	Studen	t support and progression		-
	Record of Activities conducted to contribute to the students' career opportunities	Yes, available	A	- 3
4.4	Mentoring / Counselling to students for curricular and co-curricular activities	Yes	А	
	Newspaper clippings or other materials as additional resource	Yes,research papers for case studies, students' seminar and project work were referred.	В	Should Impeave

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, NO	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Adviso along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	n/Suggestions by Academic Advisors
35	Any Student team project for Technology Development	Yes	В	Mare Participation
7	Gor	vernance and Leadership		
36	Record of additional administrative responsibilities performed	Yes, 1. Head of the Department 2. Academic Council member 3. BoS member 4. Acdemic advisory committe chairman 5. Member of the women's grivence committe 6. member of book translation committe 7. Department training and placement coordinator 8. Department IQAC coordinator	A	
27	Record of innovative practices	No	C 3	shauld Improve
37 38	Any outstanding contribution	Can't say	_	
39	Type at an abound related activities )entered in into		A	
40	Register	Yes	- 10	
41	Check Departmental Documentation ( should be available with I/c of dept.)  1. Dept. Time Table  2. Faculty-wise Annual Curricular Plans  3. Facultywise wise Teaching Diary & Plans  4. Departmental Activity Register along with documentary Evidences  5. Faculty wise API formats along with	Yes, available	A	
	Evidences		-	
	Signature of the Faculty member	Sig	nature of the HoD	- 1
	Note: the Format is to be filled by all the faculty and certified by the Principal and submitted to the Academic Audit Team.		12	
	At One			

-	Dr. Babasaheb Ambed	kar Technologi	cal University	07	
_	Academic Audit o	f Engineering	Colleges		
_	Format - II ( To be filled i	ndividually by l	Faculty Memb	er)	
	Centre/SubCentre: Dr. BATU. Lonere -Campus		Distric	t: Raigad	
1	Name of the College and Address		of Petrochemi BATU, Lonere	cal Engineering Raigad	
2	Name of the Faculty Member	Vasant P. Jaw	anjal		
3	Name of the Subject taught during academic year 2021-22	Enginee Petrochemie	Process Calculatering Thermodystal Engineeering Fring Thermodystring Thermody	namics - II, g -II, Chemical	
4	Date of Joining in Degree College/Date of Joining in the present Institution	26/09/1993	Date of Retirement:	26/06/2027	
S. No		Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory) /C (poor) after Observation	Recommendati on/Suggestion s by Academic Advisors	
	Curri	cular Aspects			
5	Annual Curricular plan	Yes - course schedule and evaluation made avialable at the beginning of semester	А		
6	Curriculum enrichment / Value addition	Assignment made avialable	Α		
7	Whether conducting Add on Courses & role in conduct of course	No	C	Regula for NPTEL Course	
Ī	Feedback from students	feed back collected at the semester end	В	Shauld Impeave	

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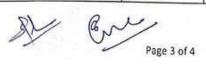
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S. No	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory) /C (poor) after Observation	Recommendati on/Suggestion s by Academic Advisors		
	Teaching Diary & Teaching Plan	Teaching plan and diary prepaed at the beginning	В	3 hauld be Updated		
10	Coverage of syllabus so far (%)	100	В			
11	Record of students attendance	available	В	Record is not available		
	Use of ICT - PPT & Audio-video Aids	Yes	В	& Louid Update		
13	Record of students assignments	Yes - available	В	Nat available		
14	Record of field trips	No	-	should be displayed	Ŧſ	
15	Record of student seminars conducted	Yes	А			
6	Record of academic competitions conducted if any (Quiz, Role play)	Yes -Quiz was conducted	Α			
	Other Student centric learning Methods	No	С	Should be imperior		
	Record of Extension Lectures given	Yes	В	should Ubdat.	-	
19	Record of invited lectures arranged	No	C	should improve		
20	Record of internal examinations and University Exams	Yes -Avialable	А			
21	Pass percentage of University Exams / Semester in respective subject for the last three years.(paper wise)	Yes- Available in APR	А			
22	Record of remedial classes conducted for slow learners	No	С	through imperior		
	Research Exte	nsion and const				1

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Page 2 of 4

S. No	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory) /C (poor) after Observation	Recommendati on/Suggestion s by Academic Advisors		
23	Record of Research work (,Paper publication, Book publication, Articles)	Nil	С	stand umpeake	٠	
24	Record of Student Projects	Yes avialable	A			
	Record of seminars / workshops attended / organized /Papers presented	Yes	В	should update		
26	Record of extension work undertaken	Nil	CI	should inflavor		
27	Record of MoUs, if any	Nil	CY			
28	Record of Consultancy work	Nil	c			
	The state of the s	and learning Re	sources			
29	Utilization of Departmental Library	Yes	-			
30	Availability of CDs,Videos	Yes	В	should update		
31	Virtual labs / Open Educational Resources (OERs)	No	С	Mayld	19	
	Development of any educational resource	No	С	unperior		
	Student sup	port and progres	ssion			
<b>()</b>	Record of Activities conducted to contribute to the students' career opportunities	Yes	А			
33	Mentoring / Counselling to students for curricular and co-curricular activities	Yes	Α			
34	Newspaper clippings or other materials as additional resource	Nil	c ·	Hound		
	Any Student team project for Technology Development	No	С	anteava	38	
		e and Leadersh	ip			
	Record of additional administrative responsibilities performed	Yes	Α			
36	Record of innovative practices	Nil	С	blusta		
37	Any outstanding contribution	Can't Say	-	100		



s. No	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory) /C (poor) after Observation			
38	Whether above( related activities )entered in into Departmental Activities Register	Yes	Α			
39	Maintenance of Departmental Activities Register	Yes	Α		858	
40	Check Departmental Documentation ( should be available with 1/c of dept.)  1. Dept. Time Table  2. Faculty-wise Annual Curricular Plans  3. Facultywise wise Teaching Diary & Plans  4. Departmental Activity Register along with documentary Evidences  5. Faculty wise API formats along with Evidences	Avialable	В	should be praintained		
	Signature of the Faculty member	Vannif	Signature of Depart		V-T	
•	Note: the Format is to be filled by all the faculty and certified by the Principal/HOD and submitted to the Academic Audit Team.					

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# Dr. Babasaheb Ambedkar Technological University Academic Audit of Engineering Colleges 2021-2022 Format - II (To be filled individually by Faculty Member)

	Centre/SubCentre: Dr. BATU. Lonere -Campus		District: Raigad	
1	Name of the College and Address	Department of DBA	Petrochemical Engineering TU, Lonere Raigad	7,
2	Name of the Faculty Member	Dr. Sonali M. Ml	hatre	
3	Name of the Subject taught durin academic year	g 71.0-1° 71.0-	II, PDE-II and Elective III	
4	Date of Joining in Degree College/Date of Joining in the present Institution	17/07/2013	Date of Retireme 31/05/38 nt:	
S.N o.	Activity	Status ( Give Details, not just Yes/No)	Advisor along with grade A(Good)/lit Academic Adviso	
	C	urricular Aspects		
5	Annual Curricular plan	yes, with couse file	А	
6	Curriculum enrichment / Value addition	yes, with couse file	A	
7	Whether conducting Add on Courses & role in conduct of course	no	С	
8	Feedback from students	yes, departmental	Α -	_
	Teaching,	Learning and Evalu	uation	
9	Teaching Diary & Teaching Plan	yes, with course file	A	
10	Coverage of syllabus so far (%)	yes, with course file	А	
11	Record of students attendance	yes, with course file	A	
12	Use of ICT - PPT & Audio-video Aids	yes	Α	
13	Record of students assignments	yes	В	
14	Record of field trips	departmental level	С	

Page 1 of 4

	S.N o.	Activity	Status ( Give Details, not just Yes/No)	Academic Advisor along with grade A(Good)/B( Satisfactore)/C	Recommendation/ Suggestions by Academic Advisors
	15	Record of student seminars conducted	yes, departmental level	A	
	16	Record of academic competitions conducted if any (Quiz, Role play)	no	C	
	17	Other Student centric learning Methods	use of google classroom, whatsapp groups	В	
	18	Record of Extension Lectures given	no	c ·	}
0	19	Record of invited lectures arranged	no	С.	
	20	Record of internal examinations and University Exams	yes	А	
	21	Pass percentage of University Exams / Semester in respective subject for the last three years.(paper wise)	yes, departmental level	В	
	22	Record of remedial classes	no	C	
		Research, E	ultancy		
•	23		nil	С	
	24	Articles) Record of Student Projects	yes	Α	
	25	Record of seminars / workshops	yes	А	
	26	Record of extension work undertaken	.0 = 11	C	1
	27	Record of MoUs, if any	nil	C	1
	28	Record of Consultancy work	nil	neouross.	
			re and learning R	csources	*
	29	Utilization of Departmental Library		_	

Page 2 of 4

	S.N o.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C	Recommendation/ Suggestions by Academic Advisors
	30	Availability of CDs,Videos	Nptel lectures available in HD at university library	-	
	31	Virtual labs / Open Educational Resources (OERs)	yes	В	
		Development of any educational resource	ppts, video lectures for classroom	Λ	
		Student	support and progres	sion	
	32	Record of Activities conducted to contribute to the students' career opportunities	nil	С	
	33	Mentoring / Counselling to students for curricular and co- curricular activities	yes, on personal level.	A	
	34	Newspaper clippings or other	yes	В	
		Any Student team project for Technology Development	nil	С	
		Govern	ance and Leadersh	ip	
	35	Record of additional administrative responsibilities performed	yes	A	
)	36	- 1 C : proctices		C	
		Any outstanding contribution		-	
	38	Whether above( related activities	yes	A	
	39	Maintenance of Departmental Activities Register	yes	Α	

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/	s.N o.	Activity	Status ( Give Details, not just Yes/No)	Academic Advisor along with grade A(Good)/B( Satisfactory)/C	Recommendation/ Suggestions by Academic Advisors
		Check Departmental Documentation ( should be available with I/c of dept.)  1. Dept. Time Table  2. Faculty-wise Annual Curricular Plans		ρ	
	40	Facultywise wise Teaching Diary ye & Plans     Departmental Activity Register along with documentary     Evidences     Faculty wise API formats along with Evidences	S	B	Figure Head of
		Signature of the Faculty member  Note: the Format is to be filled by all the faculty and certified by the		Signature Dej	of the Head of
		Principal and submitted to the			

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Academic Audit Team.

## Dr. Babasaheb Ambedkar Technological University Academic Audit of Engineering Colleges Format - II (To be filled individually by Faculty Member)

	Format - 11	(To be filled individually by Fac	ulty Member)	
	Centre/SubCentre: Dr. BATU, Lonere -			
	Campus		Distric	A21 010100000
1	Name of the College and Address	Department of Petrochen	nical Engineering, Dr. BATU, L.	enere Ragari
2	Name of the Faculty Member	Pradip S. Nande		100
3	Name of the Subject taught during academic year 2021-22	Process Design, Flowsheeting & Control	é Simulation Lab 2. Process loss	nunwotativo and
4	Date of Joining in Degree College/Date of Joining in the present Institution	16-06-2021	Date of Retirement:	31-(2-202)
S.No.	. Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good) Bt Satisfactory) C (poor) after Observation	Recommendation Suggestions by Academic Advisors
		Curricular Aspects		
5	Annual Curricular plan	Yes - course schedule is available at the beginning of semester.	A	
6	Curriculum enrichment / Value addition		A	
7	Whether conducting Add on Courses & role in conduct of course	No	C 1/2	euld be impeased
8	Feedback from students	feedback collected at the end of semester	A	
		Teaching, Learning and Evalua	ition	
9	Teaching Diary & Teaching Plan	Available in Course File	A	55
10	Coverage of syllabus so far (%)	More than 90	A	unsquisd W
11	Record of students attendance	Yes, available in Course File	A	
12	Use of ICT - PPT & Audio-video Aids	Yes	6	
13	Record of students assignments	No	CT +LAU	ld be imberew
14	Record of field trips	No	CI.	
15	Record of student seminars conducted	Yes	Ā	
16	Record of academic competitions conducted	No	C(stools	d he updated
1.40	if any (Quiz, Role play)	9000	C Jarrent	a ve riberenci
	Other Student centric learning Methods	No	čl	
	Record of Extension Lectures given	No		
113	Record of invited lectures arranged	No	C1	
20	Record of internal examinations and University Exams	Yes -Avialable in Course File	A	8
21	Pass percentage of University Exams / Semester in respective subject for the last three years (paper wise)	1. Process Design, Flowsheeting & Control	Simulation Lab 2. Process Instr	rumentation and
22	Based of comedial classes conducted for	No	c -sta	uld be

S.No	, Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation  Recommendation/ Suggestions by Academic Advisors
		Research, Extension and consul-	taney 1 1 1 to 3 boom 1
23	Record of Research work (,Paper publication, Book publication, Articles)	Nil	c executed be improved
24	Record of Student Projects	Yes avialable	A
25	Record of seminars / workshops attended / organized /Papers presented	Yes	a should be topscould
26	Record of extension work undertaken	Nil	
27	Record of MoUs, if any	Nil	_
28	Record of Consultancy work	Nil	-
		Infrastructure and learning Reso	urces
<b>2</b> 9	Utilization of Departmental Library	No	
30		No	c & should be.
31	Virtual labs / Open Educational Resources (OERs)	No	C updaled
	Development of any educational resource	No	CL
		Student support and progression	on
32	Record of Activities conducted to contribute to the students' career opportunities	Organized webinar on "Career Guidance for Higher Studies in Abroad" on 14 December 2021.	A
33	Mentoring / Counselling to students for curricular and co-curricular activities	No	C Stant be
34	Newspaper clippings or other materials as additional resource	Nil	C Suparted
	Any Student team project for Technology Development	No	cl
	Co. St. Table	Governance and Leadership	N N N N N
35	Record of additional administrative responsibilities performed	No	B Haule bellpdated
36	Record of innovative practices	Nil	-
37	Any outstanding contribution	No	-
38	Whether above( related activities )entered in into Departmental Activities Register	Yes	A
39	Maintenance of Departmental Activities Register	Yes	Α

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Status ( Give Details, not just Yes/No) Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation Recommendation/ Suggestions by Academic Advisors

Check Departmental Documentation ( should be available with I/c of dept.)

- 1. Dept. Time Table
- 2. Faculty-wise Annual Curricular Plans
- 40 3. Facultywise wise Teaching Diary & Plans Avialable
  - 4. Departmental Activity Register along with documentary Evidences
  - 5. Faculty wise API formats along with Evidences

Signature of the Faculty member

Note: the Formar is to be filled by all the faculty and certified by the Principal and submitted to the Academic Audit Team

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Signature of the Head of Department

## Dr. Babasaheb Ambedkar Technological University Academic Audit of Engineering Colleges Format - II ( To be filled individually by Faculty Member)

	Centre/SubCentre: Dr. BATU. Lonere -Campus		District:	Raigad	
1	Name of the College and Address	Department of Petroche	emical Engineering	, DBATU, Lonere Raigad	
2	Name of the Faculty Member	Prof. Rawoot Lubna Y	unus		
3	Name of the Subject taught during academic year	Even sem: Petroche Economics & Project N	C505, Petrochemic mical Engineering	E705, Petrochemical al Synthesis Lab PC709 II BTPCC404, Process C603, Chemical Reaction HL609	
4	Date of Joining in Degree College/Date of Joining in the present Institution	6/16/2021	Date of Retirement:	5/14/2022	28
S.N		Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Su ggestions by Academic Advisors	THE
		Curricular Aspect	s		
5	Annual Curricular plan	Yes - course schedule made avialable at the beginning of semester	Λ		
6	Curriculum enrichment / Value addition	were made avialable. As well as videos were shown regarding different topics	Α		941
7	Whether conducting Add on Courses & role in conduct of course	no	C	should be Imperior.	
8	Feedback from students	feedback collected at the end of semester	A		
Si.		aching, Learning and E	valuation		_
9	Teaching Diary & Teaching Plan	yes, availble in course file	Α		
10	Coverage of syllabus so far (0 o)	100° a	A		
ol es	1dance	yes, available in course	A		
11	Use of ICT - PPT & Audio-video	no.	С	should be impeased.	
100	Aids	yes	Α		140
	Record of field trips		С	stands be impresed.	
15	1 Condent comingrs	yes	А		
16	t 6 Lucia competitions	no	C	intermy be	
17	Other Student centric learning	Google classroom for every subject and lab for sharing relevant study material, you tube videos for experiments	Α	À	

			Impression of Academic Advisor along	Recommendation/Su
N o	Activity	Status ( Give Details, not just Yes/No)	with grade A(Good)/B( Satisfactory)/C (poor) after Observation	
18	Record of Extension Lectures given	no	С	thault ho hopenwel
19	Record of invited lectures arranged	no	С	kmperouerl
20	Record of internal examinations and University Exams	Internal exam record is available.	Α	
21	Pass percentage of University Exams / Semester in respective subject for the last three years.(paper wise)		-	strouted ho
22	Record of remedial classes conducted for slow learners	no	С	intended.
-	Res	search, Extension and co	nsultancy	11 11 100
23	Record of Research work (,Paper publication, Book publication,	no		thould ke impeased.
-	Articles) Record of Student Projects	ves	A	
	Record of Student Floyees  Record of seminars / workshops attended / organized /Papers presented	yes	Α	
26	Record of extension work	nil	-	
27	Record of MoUs, if any	nil		
28	and the control of	nil astructure and learning R	esources	
	Infr	astructure and learning A	16-20	
29	Utilization of Departmental Library	nil		
30	A contability of L.Ds, Videos	no f		
31	Virtual labs / Open Educational	not available for Petrochemical Engineering labs	-	
		no		inperoud he
-		tudent support and progr	ession	
32	Record of Activities conducted to contribute to the students' career opportunities	nil	c	
33	Mentoring / Counselling to	ves	A	
34	Navemener clippings or other	referred some research papers for case studies	β	
	A Soudent team project for	no	c	drauld be Implement
		Governance and Leaders		

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S.N.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Su ggestions by Academic Advisors	
35	Record of additional administrative responsibilities performed	Departmental Exam Co- ordinator, Third year class teacher	A		
36	Record of innovative practices	no	С	Stauld bimpeaned	
_	Any outstanding contribution	no	_		
	Whether above( related activities )entered in into Departmental Activities Register	Yes	Α		
39	Maintenance of Departmental Activities Register		-		
400	Check Departmental Documentation ( should be available with I/c of dept.)  1. Dept. Time Table 2. Faculty-wise Annual Curricular Plans	yes	Α		A-4
	Signature of the Faculty member	Pawet .	ignature of the F	lead of Department	Father
)	Note: the Format is to be filled by all the faculty and certified by the Principal /HODand submitted to the Academic Audit Team.				

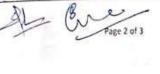
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	Acade	heb Ambedkar Techn mic Audit of Engine	ring Colleges	
- 32	Format - II ( 7	o be filled individual	y by Faculty Member)	
	Centre/SubCentre: Dr. BATU	J. Lonere -Campus	District	Raigad
1	Name of the College and Address	Department of Petroc	hemical Engineering, DBA	TU, Lonere Raigad
2	Name of the Faculty Member	Prof. Harshada Ramesl	ı Jadhav	
3	Name of the Subject taught during academic year	Odd Sem:Unit Operation	ion -1, Petrochemical Proce II, Plant Utilities and Plan	sses Even Sem:Unit t Safety.
4	Date of Joining in Degree College/Date of Joining in the present Institution	15/01/2021	Date of Retirement:	
5.No.	Innergy	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Su ggestions by Academic Advisors
		Curricular A	spects	
5	Annual Curricular plan	Yes - course schedule made avialable at the beginning of semester	А	
6	Curriculum enrichment / Value addition	Assignment & notes were made avialable. As well as videos were shown regarding different topics.	А	
7	Whether conducting Add on Courses & role in conduct of course	No	С	Should be kingeourd
8	Feedback from students	feedback collected at the end of semester	A	
_		Teaching, Learning	and Evaluation	
9	Teaching Diary & Teaching	Yes, available in course file	А	
10	Plan Coverage of syllabus so far (%)	100%	Α	
	Record of students attendance	Yes, available in course	A	
11	Use of ICT - PPT & Audio-	file Yes	В	stault be
0.000	video Aids  Record of students assignments	Yes	A	(AND 1800)
14	Record of field trips	Industrial Visit Report available in department.	А	
15	Record of student seminars	Yes	Α	1,,
16	Record of academic competitions conducted if any (Quiz, Role play)	Yes	В	thank h
17	Other Student centric learning Methods	Google classroom for every subject and lab for sharing relevant study material, you tube videos for experiments		

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.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/St ggestions by Academic Advisors
18	Record of Extension Lectures	No		
19	Record of invited lectures arranged	Yes.Record Available in department.	Α	
20	Record of internal examinations and University Exams	Internal exam record is available.	A	
21	Pass percentage of University Exams / Semester in respective subject for the last three years (paper wise)	Yes	В	stantal he
22	Record of remedial classes	Yes, Tutorial Classes Conducted	В	
	conducted for slow learners	Research, Extension a	nd consultancy	
23	Record of Research work LPaper publication, Book	No No	e	should be inside
i San I	publication, Articles)	Yes	A	
24	Record of seminars / workshops attended / organized Papers	No	A	
76	Record of extension work	Nil	c	should be imperied.
26	undertaken (f. e.g.	Nil		
27	4 CO - James Work	Nil		
28	BECOLD OF CO.	Infrastructure and lear	ning Resources	
-	Unitization of Departmental	Nil	_	standy phoson
29	Library  Availability of CDs,Videos	No	C	stanto attent
30	Virtual labs / Open Educational	Yes	В	
31	Description (OFRs)	CARAN	C	inforwer
	Development of any educational resource	No		Delector
_	resource	Student support and	progression	
32	Record of Activities conducted to contribute to the students' career opportunities	Yes.Record Available in department.	Α	
33	Mentoring - Counselling to students for curricular and co-	Yes	Α	
34	Newspaper clippings or other materials as additional resource.	Referred some research papers for case studies	В	stand he updaled
-	Any Student team project for	No	С	two period po
_	Technology Development	Governance and	Leadership	
35	Record of additional administrative responsibilities performed	PESA Coordinator Departmental Timetable Coordinator, NAAC, Second year class teacher, Examination Work	A	
	Record of innovative practices	No	С	thauld in Rea
36	In and of appropriative practices	1.10		



S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/St ggestions by Academic Advisors
38	Whether above( related activities )entered in into Departmental Activities Register	Yes	А	
39	Maintenance of Departmental Activities Register	Yes	A	
40	Check Departmental Documentation ('should be available with I/c of dept.) 1. Dept. Time Table 2. Faculty-wise Annual Curricular Plans 3. Facultywise wise Teaching Diary & Plans 4. Departmental Activity Register along with documentary Evidences 5. Faculty wise API formats along with Evidences	Yes	A	2000er
	Signature of the Faculty member	Padhau	Signature of the Head	of Department
	Note: the Format is to be filled by all the faculty and certified by the Principal and submitted to the Academic Audit Team.			

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## Dr. Babasaheb Ambedkar Technological University Academic Audit of Engineering Colleges Format - II ( To be filled individually by Faculty Member)

	Centre/SubCentre: Dr. BATU. Lonere - Campus		District:	Raigad
1	Name of the College and Address	Departmen	t of Petrochemical Lonere Ra	Engineering, DBATU, igad
2	Name of the Faculty Member		Dr. Deepali M.	Pawar
3	Name of the Subject taught during academic year	EEE, EQMA, N	MTO-I Lab, MTO-II L	ab, PIC Lab, UO-II Lab , TI
4	Date of Joining in Degree College/Date of Joining in the present Institution	25 July, 2022	Date of Retirement:	26-Jun-23
S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Sugges tions by Academic Advisors
	HE TO THE	Curricul	ar Aspects	
5	Annual Curricular plan	Yes	Α	
6	Curriculum enrichment / Value addition	Yes	А	
7	Whether conducting Add on Courses & role in conduct of course	No	С	should be impereved.
8	Feedback from students	Yes, departmental	Α	
17/5/11	Tea	ching, Learni	ing and Evaluatio	n
9	Teaching Diary & Teaching Plan	Yes, attached with course file	Α	
10	Coverage of syllabus so far (%)	90 to 95%	A	
11	Record of students attendance	Yes, attached with course file	A	
12	Use of ICT - PPT & Audio-video Aids	Yes, attached with course file	A	



S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Sugge- tions by Academic Advisors
13	Record of students assignments	Yes, attached with course file		
14	Record of field trips	No	С	stould be improved
15	Record of student seminars conducted	Yes, attached with course file	А	
16	Record of academic competitions conducted if any (Quiz, Role play)	No	С	should be improved
17	Other Student centric learning Methods	No	С	,
18	Record of Extension Lectures given	No	200	
19	Record of invited lectures arranged	No	-	
20	Record of internal examinations and University Exams	Yes, attached with course file	Α	
21	Pass percentage of University Exams / Semester in respective subject for the last three years.(paper wise)	EEE = 95 %, EQMA = 95 %, MTO-I Lab = 95%, MTO-II Lab = 100%, TP = 95 %, PIC Lab = 90 %, UO - II Lab 100 %	Α	
22	Record of remedial classes conducted for slow learners	No	c	bevasquii
	Res	earch, Extensi	on and consultant	cy
23	Record of Research work (,Paper publication, Book publication, Articles)	Yes	A	3 "_ 1"
24	Record of Student Projects	Yes	Α	

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Page 2 of 10

S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Sugges tions by Academic Advisors	
25	Record of seminars / workshops attended / organized /Papers presented	Yes	А		
26	Record of extension work undertaken	No	С	through be imparised.	
27	Record of MoUs, if any	No	120		
28	Record of Consultancy work	No	-		
		astructure and	learning Resourc	es	
29	Utilization of Departmental Library	No	-		
30	Availability of CDs,Videos	NPTEL lectures disk is available	В	should be updated	
31	Virtual labs / Open Educational Resources (OERs)	Yes, shown you tube videos for some experiments and theory( attached record)	А		
	Development of any educational resource	No	c	inhering po	
	St	udent support	and progression		
32	Record of Activities conducted to contribute to the students' career opportunities	No	С		
33	Mentoring / Counselling to students for curricular and co-curricular activities	Yes	Α		
34	Newspaper clippings or other materials as additional resource	Yes	В	thanks be	

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S.No.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/C (poor) after Observation	Recommendation/Sugges tions by Academic Advisors
	Any Student team project for Technology Development	-	c	should be Imperved
-		Governance :	and Leadership	
35	Record of additional administrative responsibilities performed	No	С	
36	Record of innovative practices	_		
37	Any outstanding contribution	Nil		
38	Whether above( related activities )entered in into Departmental Activities Register	Yes	В	stanted be updated
39	Maintenance of Departmental Activities Register	Yes	Α	
40	Check Departmental Documentation ( should be available with I/c of dept.) 1. Dept. Time Table 2. Faculty-wise Annual Curricular Plans 3. Facultywise wise Teaching Diary & Plans 4. Departmental Activity Register along with documentary Evidences 5. Faculty wise API formats along with Evidences	Yes	Α	

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S. No	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/ C (poor) after Observation	Recommendati on/Suggestions by Academic	
	Note: the Format is to be filled by all the faculty and certified by the Principal/HOD and submitted to the Academic Audit Team.		II et a		

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	Dr. Babasaheb Ambed	kar Technolog	cal University		
	Format - II ( To be filled i	ndividually by	Faculty Memb	er)	
_	Lonere -Campus		District		
1	Name of the College and Address	Department	of Petrochemic	al Engineering	
2	Name of the Faculty Member	Prof. Prof. La	BATU, Lonere I	Raigad	
3	Name of the Subject taught during academic year 2021-22	Prof. Prajakt	E-II Lab, PCPI,	PUPS	
4	Date of Joining in Degree College/Date of Joining in the present Institution	15 Jan. 2020	Date of Retirement:	14 Dec. 2021	
S. No	4 0.450.54	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/ C (poor) after Observation	Recommendati on/Suggestions by Academic Advisors	
	Curr	icular Aspects			
5	Annual Curricular plan	Yes - course schedule and evaluation made avialable at the beginning of semester	А		
6	Curriculum enrichment / Value addition	Assignment made avialable	B	shauld be maintained	
7	Whether conducting Add on Courses & role in conduct of course	No	С	Regerty for	

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S. No	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/ C (poor) after Observation	Recommendati on/Suggestions by Academic
8	Feedback from students	feed back collected at the semester end	А	
9	Teaching, Le	arning and Eval	uation	
9	Teaching Diary & Teaching Plan	Teaching plan and diary prepaed at the beginning	A	
10	Coverage of syllabus so far (%)	100		
11	Record of students attendance	available	A	
12	Use of ICT - PPT & Audio-video Aids	Yes	В	d-tould be
13	Record of students assignments	Yes - available	В	stroud be Updated
14	Record of field trips	No	C	should be imperoved.
15	Record of student seminars conducted	Yes	A	
16	Record of academic competitions conducted if any (Quiz, Role play)	Yes -Quiz was conducted	В	should be himpeoved
17	Other Student centric learning Methods	No	С	should be improved
18	Record of Extension Lectures given	Yes	B	should be
19	Record of invited lectures arranged	No	C	should be

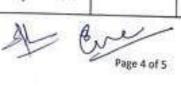
Page 2 of 5

S. No	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/ C (poor) after Observation	Recommendati on/Suggestions by Academic
20	Record of internal examinations and University Exams	Yes -Avialable	A	
£1	Pass percentage of University Exams / Semester in respective subject for the last three years.(paper wise)	Yes- Available in APR	А	
22	for slow learners	No	С	drheened -
	Research, Ext	ension and cons	ultancy	
23	Record of Research work (,Paper	Nil		draud to
24	- Control of the Cont	Yes avialable	Α	
25	Report of seminars / workshops	Yes	A	
13	Record of extension work undertaken	Nil	С	interved.
27	Record of MoUs, if any	Nil	-	
28	Record of Consultancy work	Nil	-	
	Infrastructure	and learning Re	sources	
29	Utilization of Departmental Library	Yes		11 119
30	Availability of CDs, Videos	Yes	В	drawled Beuphard
31	Virtual labs / Open Educational Resources (OERs)	No	С	-threutel be
	resource	No	С	dependent.
		ort and progre	ssion	
32	Record of Activities conducted to contribute to the students' career opportunities	Yes	В	Shaule) be

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S. No	Activity	Status ( Give Details, not just Yes/No)	Impression of Academi Advisor along with grade A(Good)/B( Satisfactory) C (poor) after Observation	Recommendati on/Suggestions by Academic
33	Mentoring / Counselling to students for curricular and co-curricular activities	Yes	В	Should ke Updated
0.	Newspaper clippings or other materials as additional resource	Nil	c	stauld be
	Any Student team project for Technology Development	No	С	umproved.
	Governan	ce and Leadersh	ip	
35	Record of additional administrative responsibilities performed	Yes	В	Stanty se
36	Record of innovative practices	Nil	-	
37	Any outstanding contribution	Can't Say	===	
38	Whether above( related activities )entered in into Departmental Activities Register	Yes	А	
39	M. Introduce of Departmental	Yes	A	
10 3 P	Check Departmental Documentation ( should be available with I/c of dept.)  1. Dept. Time Table  2. Faculty-wise Annual Curricular  Plans  3. Facultywise wise Teaching Diary & / Plans  Departmental Activity Register  long with documentary Evidences  Faculty wise API formats along  ith Evidences	Avialable	A Special	1000
	Signature of the Faculty member		The second secon	the Head of



S. No	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/ C (poor) after Observation	Recommendati on/Suggestions by Academic	
	Note: the Format is to be filled by all the faculty and certified by the Principal/HOD and submitted to the Academic Audit Team.		II et a		

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Γ	Dr. Babasaheb Ambed	lkar Technolog	ical University					
T	Academic Audit of Engineering Colleges							
L	Format - II ( To be filled individually by Faculty Member)							
	Centre/SubCentre: Dr. BATU. Lonere -Campus		Distric	t: Raigad				
1	Name of the College and Address	Department ,DI	of Petrochemi BATU, Lonere	cal Engineering Raigad				
2	Name of the Faculty Member	Prof. Vijaya S						
3	Name of the Subject taught during academic year 2021-22		, PE-II Lab, Ele	ective -III				
4	Date of Joining in Degree College/Date of Joining in the present Institution	15 Jan. 2020	Date of Retirement:	14 Dec. 2021				
S. No	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/ C (poor) after Observation	Recommendati on/Suggestions by Academic				
- 43	Curr	icular Aspects						
( L.	Annual Curricular plan	Yes - course schedule and evaluation made avialable at the beginning of semester	- A					
6	Curriculum enrichment / Value addition	Assignment made avialable	А					
-	Whether conducting Add on Courses	No	С	strauld be disposed.				

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S. No	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/ C (poor) after Observation	Recommendat on/Suggestions by Academic Advisors	3	
	Feedback from students	feed back collected at the semester end	1 12	thould be dispersed.		
	Teaching, Lea	rning and Eva	luation			
,	Teaching Diary & Teaching Plan	Teaching plan and diary prepaed at the beginning	А			
0	Coverage of syllabus so far (%)	100	Α			
1	Record of students attendance	available	Α			
2	Use of ICT - PPT & Audio-video Aids	Yes	В	stould be		
3	Record of students assignments	Yes - available	В	should be	1)	
.  -	Record of field trips	No		updated (Roca strauld be droppedied.	201)	
15	Record of student seminars conducted	Yes	Α			
16	conducted if any (	Yes -Quiz was conducted	В	ehand be Updated		
17	Other Student centric learning Methods	No	۷			
12	8 Record of Extension Lectures given	Yes	8			
-	9 Record of invited lectures arranged	No	C .	should be		Di

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Page 2 of 5

S. lo	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/ C (poor) after Observation	Recommendati on/Suggestions by Academic	
	Record of internal examinations and University Exams	Yes -Avialable	A		
I,	Pass percentage of University Exams / Semester in respective subject for the last three years.(paper wise)	Yes- Available in APR	А	100	
22	Record of remedial classes conducted for slow learners	No	c	should be updated	
_	Research, Exte	ension and cons	ultancy		
23	Record of Research work (,Paper	Nil		stroudd be Updaloel	
24	Record of Student Projects	Yes avialable	A		
25	Record of seminars / workshops attended / organized /Papers presented	Yes	А		
Ç,	Record of extension work undertaken	Nil	С	should be impeased.	
27	Record of MoUs, if any	Nil			
27	t - Congultancy WOLK	Nil	_		
	Illi asti detare	and learning R	esources		
20	Utilization of Departmental Library	Yes			
20	1 Lility of CDS, Videos	Yes	В	should Update	
31	Virtual labs / Open Educational	No	C (	strould be	
	Development of any educational	No		impereved.	
-	Student sup	port and progre	ssion		
-	Record of Activities conducted to contribute to the students' career	Yes	В	Should be Updated	

S. No	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/ C (poor) after Observation	Recommendati on/Suggestions by Academic Advisors	
	Mentoring / Counselling to students for curricular and co-curricular activities	Yes	В	stantel to	
	Newspaper clippings or other materials as additional resource	Nil	c	drawled he	
	Any Student team project for Technology Development	No	С	amproved.	
[]	Governan	ce and Leaders	hip		
35	Record of additional administrative responsibilities performed	Yes	В	4 rdated be	
36	Record of innovative practices	Nil	С	should be improved.	
37	Any outstanding contribution	Can't Say	-		
0.000	Whether above( related activities )entered in into Departmental Activities Register	Yes	А		
39	Maintenance of Departmental Activities Register	Yes	A		
40	Check Departmental Documentation ( should be available with I/c of dept.)  1. Dept. Time Table  2. Faculty-wise Annual Curricular  Plans  3. Facultywise wise Teaching Diary &  Plans  4. Departmental Activity Register  along with documentary Evidences  5. Faculty wise API formats along	Avialable	A Digital	<u>ar</u>	
	Signature of the Faculty member		Signature o Depa	f the Head of rtment	

Page 4 of 5

	S. No	Activity	Status ( Give Details, not just Yes/No)	grade A(Good)/B( Satisfactory)/ C (poor) after	Recommendati on/Suggestions by Academic	
ł	Н	Note: the Format is to be filled by all		Observation		
		the faculty and certified by the Principal/HOD and submitted to the Academic Audit Team.				

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-	Dr. Babasaheb Ambed	kar Technologi	cal University				
H	Academic Audit o	f Engineering	Colleges	,			
H	Format - II ( To be filled in	ndividually by l	Faculty Memb	er)			
	Centre/SubCentre: Dr. BATU. Lonere -Campus		District	AND THE PARTY OF T			
1	Name of the College and Address	Department ,DB	of Petrochemic SATU, Lonere	cal Engineering Raigad			
2	Name of the Faculty Member	Prof. Vidyaba	al Pawar				
3	Name of the Subject taught during academic year 2021-22	NMCP, PEI	DD, PDE, CRE	-I, PEDD Lab			
4	Date of Joining in Degree College/Date of Joining in the present Institution	15 Jan. 2020	Date of Retirement:	14 Dec. 2021			
S. No	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/ C (poor) after Observation	Recommendati on/Suggestions by Academic Advisors			
	Curr	Curricular Aspects					
5	Annual Curricular plan	Yes - course schedule and evaluation made avialable at the beginning of semester	Α				
6	Curriculum enrichment / Value addition	Assignment made avialable	А				
7	Whether conducting Add on Courses & role in conduct of course	No	С	should be Improved			

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s.	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/ C (poor) after Observation	Recommendati on/Suggestions by Academic	
3 1	Feedback from students	feed back collected at the semester end	В	stand be lop docked	
1	Teaching, Lea	arning and Eval	uation		
,	Teaching Diary & Teaching Plan	Teaching plan and diary prepaed at the beginning	В	thould be imperound.	
0	Coverage of syllabus so far (%)	100	A		
1	Record of students attendance	available	A		
2	Use of ICT - PPT & Audio-video Aids	Yes	В	Hauld be updated	
12	Record of students assignments	Yes - available	A		
	Record of field trips	No	С	stand be	
15	Record of student seminars conducted	Yes	А		
16	Record of academic competitions	Yes -Quiz was conducted	В	thould be	
17	Other Student centric learning	No	С	mpeaved.	
11	Methods Record of Extension Lectures given	Yes	В		
18	Record of Extension  Record of invited lectures arranged	No	<u>c</u> .	theuled be	7 714

S-No	135317313	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory) C (poor) after Observation	Recommendat on/Suggestion by Academic Advisors	s	
20	Record of internal examinations and University Exams	Yes -Avialable	А			
	Pass percentage of University Exams Semester in respective subject for the last three years.(paper wise)	Yes- Available in APR	В	should be Updated		
22	Record of remedial classes conducted for slow learners	No	С	troutd be		
-	Research, Ext	ension and cons	ltancy		_	_
23	Record of Research work (,Paper publication, Book publication,	Nil	c			
5.4	Articles) Record of Student Projects	Yes avialable	A			_
	Record of seminars / workshops attended / organized /Papers presented	Yes	А			
- 1	Record of extension work undertaken	Nil	С	should be improved		
2.5	Record of MoUs, if any	Nil				_
27	CC-neultancy WOFK	Nil	-			
-	Intrastructure	and learning Res	ources			
	Utilization of Departmental Library	Yes	-	40= == -		_
29	Availability of CDs, Videos	Yes	100	should be a		_
31	Virtual labs / Open Educational	No	c	standed be		
	Development	No	C	Impacver		
$\overline{}$	resource Student supp	ort and progress	ion			_
32	a of Activities conducted to	Yes	А			

Page 3 of 5

S. No	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/ C (poor) after Observation	Recommendati on/Suggestions by Academic Advisors	
33	Mentoring / Counselling to students for curricular and co-curricular activities	Yes	А		
55	Newspaper clippings or other materials as additional resource	Nil	С	stand be	
1000	Any Student team project for Technology Development	No	c	Impound.	
		ce and Leaders	hip		
35	Record of additional administrative responsibilities performed	Yes	А		
36	Record of innovative practices	Nil	С	inheald be	
37	Any outstanding contribution	Can't Say	=		
38	Whether above( related activities )entered in into Departmental Activities Register	Yes	А		
39	Maintenance of Departmental Activities Register	Yes	Α		
40	Check Departmental Documentation ( should be available with I/c of dept.)  1. Dept. Time Table  2. Faculty-wise Annual Curricular Plans  3. Facultywise wise Teaching Diary & Plans  4. Departmental Activity Register along with documentary Evidences  5. Faculty wise API formats along	Available	A	die	
	Signature of the Faculty member		Signature of Depar	f the Head of	

Page 4 of 5

S. No	Activity	Status ( Give Details, not just Yes/No)	Impression of Academic Advisor along with grade A(Good)/B( Satisfactory)/ C (poor) after Observation	Recommendati on/Suggestions by Academic Advisors	
	Note: the Format is to be filled by all the faculty and certified by the Principal/HOD and submitted to the Academic Audit Team.		L.		

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## Dr. Babasaheb Ambedkar Technological University Academic Audit of Degree Colleges

Format for Student Strength Particulars

Name of the Department:

Date of Audit:

9/11/2022

Department of Petrochemical Engineering, Dr. Babasaheb Ambedkar Technological University, Loncre

4-	95	14	-	Z v	•
υG	uc	uG	UG	GROUP	
Petrochemical	Perrochemical	Perrochenucal	Petrochemical	GROUP COMBINATION YEAR	
W	Ξ	11	225	YEAR	
63-17	63+16	63-15	60+3	STRENGTH	
63	-41	42	п	Total	
13	16	H:	30	Total Total MEN WOMEN	
76	57	45	12	TOTAL.	
7	7	ė.	14	3S SC	
4	1	0	1	35 SC	
=	0.0	0	0	(W)	
	0	0	0	ST (W)	ADM
iei	(pr	19	-	ST NT/ NT/ DT (W)	ADMITTED STRENGTH
9	12	a	9	MA MA MA	TRE
23	16	7	-	0BC	GTH
ye.	6	o	0	OBC SBC	
_	4	0	0	SBC (M)	
	10	-	0	3 SBC	
4		+4		33	
	2		0	94	
29	I	3	-1	Open (M)	
44	-	for .	2	Open (F)	

# Dr. Babasaheb Ambedkar Technological Vaiversity Academic Audit of Department of Petrochemical Engineering Action Taken Report by Head of the Department(ATR)

=	10	9	8	7	6	S	4	ىي	2	-	
Course wise & Year wise Students strength particulars (Proforma enclosed & to be submitted along with	No. of Posts Sanctioned: 07	Department Working Hours ( if shift system mention details of both shifts & give reasons for shift system)	UGC Recognition (2F & 12 B)	NAAC Grade with Cycle, Accredited Year & CGPA (if not Accredited Status of Preparations)	NBA accreditation	Year of Establishment & own land if any	Name of the IQAC Coordinator, email & Mob. No.	Name of the Vice-Principal. email & Mob. No.	Name of the HoD, email & Mob.No	Name of the College, Website, email and Ph.No.	
Copy attached.	Regular Faculty Working: 03	8.00 a.m 6.00 p.m.	Yes	B grade, First cycle 2015.2.35 N A_083 dated 3-3-2015-Dr Baba: Maharashtra		1989 Yes	Dr. M. S. Tandale, mstandale@dbatu.ac.in, 9423215468	Not applicable	Dr. S. S. Metkar, ssmetkar@db	Department of Petrochemical Engineering , Dr. B. A. Tec	I - DEPARTMENT PROFILE
*	Regular Faculty Working: 03 Contract Faculty Working: 07			B grade, First cycle 2015.2.35 NAAC Executive Committee No. and Date - EC(SC)_05_A & A_083 dated 3-3-2015-Dr Babasaheb Ambedkar Technological University, Lonere- Raigad-Maharashtra	Not at present, Accredition twice in the past i.e 2003-2006, 2007-2012		dbatu.ac.in, 9423215468		Dr. S. S. Metkar, ssmetkar@dbatu.ac.in, 9403454069/ 8600172102	ngineering , Dr. B. A. Tech. Universi	ILE
	Visiting Faculty: Nil			d Date - EC(SC)_05_A & iversity, Lonere-Raigad-	)12					h. University, Lonere Campus	

23	21.	20	19	18	17	16	15	14	13	12			
Maintenance of Student Attendance Registers	No. of New UG & PG Courses introduced this year:	Teaching of Humanities & Foundation Courses	Coverage of Syllabus (Average Percentage)	Add-on Courses (Department-wise) in 2021-2022	Add-on Courses (Department-wise) completed during 2021-2022	Departmental Calender/ Department Magazine	Departmental Activity Register during the academic year	Whether above two circulated among students	Departmental Annual Curricular Plans	Implementation of Annual Institutional Plan		Item	3
2 2	Λ	В	Λ	Α	>	В	Α	Λ	Λ	Α	Grade	Recommendat A(Good)/B(Satisfacto	II - CURRICULAR ASPECTS
Good record keeping	45	Students across pychological nature, mind intelligence.ego and its interconcection.			Good initiative, should be continued and more students should take it.	Can be good cumulative record. Magzine can be prepared					Recommendation	Recommendation/Suggestions by Academic Advisors A(Good)/B( Satisfactory)/C (poor) after observation for AY 2020-2021	ASPECTS Y
		Present in curriculum				Departmental magzine has been prepared for AY 2021 2022					0.1 4041-4044	Action Taken by the Head of Department in	

30	29	28	27	26	25	24	23	
Record of Evaluation of Teachers by Students	Remedial Classes	Teacher wise result analysis	Subject wise result analysis	Conduct of Internal Examinations	Academic Competitions ( Department & Above level)	Co-Curricular Activities ( Depertment Level)	Teaching Diaries & Plans in the Prescribed Formats	III- PEAC
2		×	Α	Α	53	В	Α	III - PEACHING, LEARNING & EVALUATION
Good record is maintained.					Online student participation should be encouraged even during offline college.	Department should conducti activities after pandemic.	Good diary maintained	& EVALUSTION
					Participation increased	Co-curricular activities has been conducted for AY 2021-2022		

All Conto

Shothar

*	39	50	27	36	35	Y.	83	ដ	100	2.8
Record of MOUs in previous academic year	Record of Consultancy in previous academic year	Seminars/Workshops/ Training Programme Conducted in previous academic year( International // National/ State)	Books Published in previous academic year(Single Author/ Co Author)	Papers Presented in previous academic year ( International /National/ State )	Research Papers Published in previous academic year (International /National)	Major/Minor/Other Research Projects	No. of Research Scholars working for Masters & Ph.  D	No. of Research Guides in the College	Is the Department a Recognized Research Centre?	% - RES
N	Z	-	Z	æ	æ	8	N.A.	\(\frac{1}{2}\)	Z.	% - RESEARCH AND CONSULTANLY
		Good, nicely done		Other faculty members should contribute Still need more focus	Collaborative efforts are required		97	Need to try to get registered Ph. D. guide		NSULTANEY
				e Still need more focus	Still need more focus			Looking forward for D. guide getting registered Ph.D. guide.		

A dias

56	55	54	53	52	S	50	49	48	47	46	45	44	43	42	4	
Any other Club	Consumer Club Activities	No.	Eco- Club Activities	Name of the Eco-Club Coordinator & Mobile No.	WEC Activities	Name of the Women Empowerment Cell(WEC) Coordinator & Mobile No.	Professional Club Activities	Name of the Professional Club Coordinator & Mobile No.		NCC Attendance register	Name of the NCC ANO & Mobile No.		3 NSS Attendance register	Name of the NSS PO & Mobile No.	Record of Subject/Department Related Extension Activities	-
N/	Z>	₩.	В	В	В	В	VN	NA .	NA	NN	В	N	NN	В	Z	V - EXTENSION ACTIVITIES 1
												8				TIES
		Record is available.	Conducted through nature club at University level	Record is available.	Record is available.	Record is available.			Maintained record is available.		Record is available.	Maintained record is available.		Record is available.		

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Between

	8	65	Ē	9	62	0	8	59	58	57	
A But	Status of SWAYAM facilities functioning	Name of SWAYAM Coordinator & Mob.No	Usage of Internet by students in the Library	c- accountes of e-Journals	Status of Library Automation	Record of Visitors	Availability of Previous years Question papers	Circulation of Books among Students	Access timings of the Library	Name of the Librarian & Mob.No	9)
/,	æ	8	æ	>	ÇE .	NA.	æ		to the second	B	VI - LEARNING RESOURCE 5
P	Record available at University Level	Record is available.	Libray has separate arrengement of 2 computers available with internet connectivity for accessing online journals and e-books.	Record is available.	Record available at University and department level.		Question bank is provided to exam section, library, uploaded on University portal and available with individual faculty.	Record is available.	Record is available.	Record is available.	4

	&	67
A Comment of the second	Maintenance of SWAYAM Viewers' Register	Whether SWAYAM schedule is circulated to the students
	NA	æ
		<b>9</b>
Another	Partially maintained at University Level by the concerned coordinator. One of the courses for each semester is mandatory from NPTEL / SWAYAM platform and respective subject faculty monitor the progress of the students.	Yes, it is circulated by Dr. R. S. Pawade and Dr. S. L. Nalbalwar, The schedule was displayed on the notice board and was shared in official student whatesapp groups.

Name of Physical Education/Sports Department  Record of Physical Education/Sports Department  Record of events conducted and significant achievements in Sports & Games  Record of cultural programmes conducted  Record of cultural programmes conducted  Record of any other extra-curricular activities  conducted  Maintenance of placement facilities & records  Maintenance of placement facilities & records  Maintenance of Student trained and placed  Record of Student trained and placed  Record of Student trained and placed  Record of activities Career Guidance and placement cell  Name of Career Guidance Coordinator and Mob.No  Record of activities Career Guidance and placement cell  Name of Department Review Committee Coordinator & Mob. No.  Implementation of DRC Action Plan  IQAC activities & maintenance of records (Action Plan/Minutes of Meeting/ submission of AQAR to NAC etc)

22	83	83
84 Record of Anti Ragging cell	Record of Grievance Redressal Cell / Anti Ragging Cell	Record of Support by Alumni Association
В	В	ीव्य
		<b>(</b> 2
Record is available at University Level.	Record is available at University Level.	Alumni association is in place. Alumni advisory committe in place. Helping in placement and internship.

A Comment

Statuer

95	94	93	92		16	90	89	88	87	86	85	
Faculty development initiatives if any	Awards/Achievements	Functioning of Committees in Administration ( Minutes of Meetings)	Management Committee Register	IX-C	Canteen	Health Care Facility	Cleanliness	Greenery	Rest room for women students	Maintenance of Sanitation	Maintenance of drinking water	0
1	Λ	٨	NN	IX - GOVERNANCE AND LEADERSHIP		В	В	В		В	В	VIII - BASIC AMENITIES
				DERSHIP	T SAN COLUMN TO THE COLUMN TO		25	2.0	10	28	21902	ES )
						Available in the University campus.	Maintained by the University. Record is Available.	Maintained by the University.	Maintained by the University. Record is Available.	Maintained by the University. Record is Available.	Water coolers with adequate filtration facility are available	

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S				100	99					
eng			Over	Dep AQ/ Sho			86	97	96	
Signature of the Head of Department	Andrew -		Over All Impression on the Department	Departmental Activity Register & Hard Copy of AQAR previous academic year ( should be available with the Hod)	Record of best/innovative practices by the Department		Computer labs ( No. of labs & working systems)	Internet Centre	e-class rooms ( Number & Usage)	0
•	2		۸	В	55	XI - BEST PRACTICES	ъ	ta	В	X - IT INITIATIVES
Signature of Academic Advisors	\ '	and govern	2	Availabl	1.Online induction program is condinew students 2. Personality deversions (Soft skitter)	CES	Plan is in plac current status	Leased I I Gbps a centraliz server) a Wi fi is a cabin and laborator	LH001 i	VES
		l		Available with the HoD	I.Online induction program is conducted for new students 2. Personality development courses (Soft skill and Communication skills)		Plan is in place to improve current status.	Leased line from BSNL of I Gbps accessed through centralized facility (2 server) at University level. Wi fi is available in faculty cabin and in computer laboratory for students.	LH001 is in place.	

#### Dr. Babasaheb Ambedkar Technological University Academic Audit of Petrochemical Engineering Department Format for submission of Academic Advisors Report (AAR) Name of the Department: Petrochemical Engineering

Sr.No	Item	Grade *	Impression
1	Conduct of Classes	Α	_
2	Co-Curricular Activities & Extra- Curricular Activities	В	5 Add wither conducted during Academic year Neaf Faculties to be increased.
3	College Activity Register	Α	10 m
4	Departmental Activity Registers	Α	-
5	Discipline in the campus	A	-
6	IQAC	Α	_
7	Placement	Α	_
8	Departmental research	В	-faculty must publish esquary an conference - Faculty must Rublish si conference you
9	Career Guidance Cell	Α	-
10	SWAYAM facilities	Α	_
11	Library	Α	
12	Research & Laboratories	С	only 3 eights full time faculty is the dept: E. Hart may be taken to recenit mare facult
13	Games & Sports	Α	- Jacus
14	Humanities and Foundation Courses	Α	_
15	Teacher Evaluation by Students	Α	-
16	Maintenance of Registers	Α	
17	Teaching Diaries & Plans	Α	
18	NCC / NSS	Α	_
19	Women Empowerment Cell	В	· 01 Activity coordinated



Sr.No	Item	Grade *	Impression
20	Professional Club	-	
21	Sanitation & drinking water	А	
22	Cleanliness	A	
23	Functioning of Teachers	A	
24	Over All Impression on the Department	A	
25	Any other importnat observation		

<sup>\*</sup> A (Good) / B (Satisfactory) / C (Poor)

Signature of Academic Advisors:

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## Academic Audit Summary Sheet: Petrochemical Engineering Department

Institution: Dr. Babasaheb Ambedkar Technological University Lonere-Raigad

Program Title: B. Tech. in Petrochemical Engineering

Academic Audit Status: Present one 2021-2022 (09/11/2022)

First Academic Audit 2014-2015 & 2015-2016 (16/10/2016)

Second Academic Audit 2016-2017 (31/07/2017)

Third Academic Audit 2017-2018 (09/02/2019) Fourth Academic Audit 2018-2019 (20/11/2019)

Fifth Academic Audit 2019-2021 & 2020-2021 (22/10/2021)

Each undergraduate program undergoes either an academic audit or external peer review.

The criteria used to evaluate a program appear in the following "Academic Audit Summary Sheet" have been selected based on the Academic Audit Focal Areas to be consistent with the spirit and process of the Academic Audit.

A check-mark should be placed in the appropriate box to indicate whether a program has "met" or "not met" each criterion in the table. If the % is less than 50% of the target value then the program has not met the objective of the Program.

If a particular criterion is inappropriate or not applicable to the program, the criterion should be marked "NA".

When combined with the self-study and the written report prepared by the visiting team, the Summary Sheet will facilitate institutional development of a program action plan to ensure continuous quality improvement.

0

AUDIT TEAM

Name: Dr. S. L. Patil

Title: Professor

Institution: College of Engineering Pune

Name: Dr. S. P. Ghuge

Title: Principal Scientist

Institute: CSIR-National Chemical

Laboratory Pune

Signature:

Date: 09/11/2022

Signature:

Date: 09/11/2022

### ACADEMIC AUDIT SUMMARY SHEET

Institution/University Department: Petrochemical Engineering

Program Title: B.Tech. in Petrochemical Engineering

Degree Level: Undergraduate Program

Academic Audit Status: Present one 2021-2022 (09/11/2022)

First Academic Audit 2014-2015 & 2015-2016 (16/10/2016)

Second Academic Audit 2016-2017 (31/07/2017) Third Academic Audit 2017-2018 (09/02/2019) Fourth Academic Audit 2018-2019 (20/11/2019)

Fifth Academic Audit 2019-2021 & 2020-2021 (22/10/2021)

#### EVALUATION RESULTS

Sr. No.		Met / not met	% achieved
1	LEARNING OBJECTIVES AND RESOURCES		
1.1	The Faculty member has prepared Course Files as per the learning objectives of the program	M	85
1.2	The Faculty member has shared his course file with the students of the class through Intranet/ Social media or any other means	М	80
1.3	The faculty member documented specific benchmarks of his course to account for learning objectives	NM	60
2	CURRICULUM AND CO-CURRICULUM		
2.1	The faculty member collaborated with other faculty members for effective design, sequence of courses and delivery of course for improvements and documented these efforts appropriately	M	85
2.2	The faculty member documented a plan for analyzing the course content in terms of achieving program objectives.	М	75
2.3	The faculty member documented a plan for review of curriculum and co-curriculum comparing those with the best practices elsewhere or in best institutes	NM	65
3	TEACHING AND LEARNING PROCESSES		
3.1	The faculty member analysed his/her own methods for improving teaching and learning throughout the program and practiced them.	M	90
3.2	The faculty member developed and promoted effective instructional methods, other than lecturing, so that student achieve the learning objectives.	М	85
3.3	The faculty member developed materials for achieving student mastery of learning objectives.	NM	65

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4	C. ODENI LEADNING ACCROCATENTE		
4.	assessment at the beginning of the course and followed it throughout,	М	80
4.2	The faculty member developed techniques, other than written test, for the student learning assessments to improve the program.	NM	65
4.3	learning member has documented assessments of student	М	85
4.4	student learning success	NM	65
4.5	ontinuous improvement plan that incorporates multiple measures to assess student learning and program effectiveness.	NM	65
4.6	The Student has put in his/her own efforts in the learning process from resources outside the Institute.	NM	60
4.7	The students are challenged enough to use their knowledge creatively	N	75
5	QUALITY ASSURANCE		127
5.1	There is an existing process in the Institute to understand the parameters of quality of teaching and learning processes	M	70
5.2	There is an initiative to understand the parameters of quality of teaching and learning processes, if not existing.	_	1,4
5.3	There is commitment to making continuous quality improvements in the program a top priority	M	80
5.4	The performance of students in Internal Assessment and University Examinations is comparable.	M	85
5.5	There is sufficient feedback obtained from stakeholders in development of academic processes in the College.	M	80
5.6	There is sufficient evidence of attempts to understand the industries/ Society's need in delivery of appropriate course content to the students	MM	65
6	OVERALL ASSESSMENT		04
.1	The Academic Audit process was Faculty driven.	M	70
.2	The Academic Audit process (self-study and visit) included descriptions of the program's quality processes including all five focal areas.	M	75
3	The Audit resulted in a candid description of weaknesses in program processes and suggestions for improvements.	NM	85
4	There is openness and thoroughness of the faculty members in completing the academic audit of this program.	เทพ	85

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6.5	The Academic Audit process included involvement of and inputs from stakeholder groups identified by the program's faculty members	М	90
7	FOLLOW-UP OF PREVIOUS AUDIT		
7.1	An action plan was developed as a result of the previous Academic Audit.	M	85
7.2	There is documented evidence that recommendations made by the previous Academic Audit Team have been considered and, when feasible and appropriate, implemented and tracked.	M	85
7.3	There is documented evidence that the program has been implemented and tracked the progress of and use of results from improvement initiatives cited by the faculty its self-study.	M	70
8	SUPPORT		
8.1	The program regularly evaluates its library, equipment and facilities, encouraging necessary improvements within the context of overall college resources.	NM	65
8.2	The program's operating budget is consistent with the needs of the program.	NM	65
8.3	The program has a history of enrolment rates sufficient to sustain high quality and cost-effectiveness.	NM	60
8.4	The program has a history of graduation rate sufficient to sustain the quality of the program.	M	70
8.5	The program has a history of placement rate sufficient to sustain high quality of program outcome.	M	75
8.6	The Program has a history of generating support from industries and alumni to sustain itself.	M	85

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## Report

On

### 'Interaction with Academic Audit Team and Students'



Academic Audit: 2021 - 2022

## **Department of Petrochemical Engineering**

## Dr. Babasaheb Ambedkar Technological University Lonere

Date: 9th November 2022

**Venue: Lecture Hall 102** 

**Target Audience: All Petrochemical Engineering Students.** 

### **About Interaction Session:**

Interaction with Academic Auditors and Students was conducted on 9<sup>th</sup> November 2022 at 2:30 pm in Lecture Hall 102. Nearly 60 students attended the Interaction session. The Interaction began with few questions by Dr. S.L. Patil, Professor, College of Engineering Pune, Dr. S.P. Ghuge, Principal Scientist, CSIR- NCL Pune the questions were mostly related to the academics mainly on syllabus coverage, faculty assistance, girls' room, practical knowledge, equipment's in laboratory, soft skills sessions, Industrial visits, campus placements, campus facilities such as cleanliness, washroom facilities, girl's room, hostel facility, mess facility, etc.. Students of second year, third year & fourth year B. Tech. Petrochemical actively participated in the discussion and shared their thoughts in the discussion. Suggestions given by Advisors are included in the Academic Audit Report.

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# 'Interaction with Academic Audit Team and Students'





Head

Department of Petrochemical Engineering

# **Department of Petrochemical Engineering**

# Academic Audit 2021 - 2022











