ACADEMIC AUDIT PROFORMA

Academic Session: 2022-23

Institution Name: Tecnia Institute of Advanced Studies, Delhi

Date of Audit:

Members of the Academic Audit Committee:

(i)	(ii)
(iii)	(iv)
(iv)	(v)

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY Sector 16C, Dwarka, New Delhi - 110078

A. Institute Information						
Name of the Institution	:	Tecnia Institute of Advanced Studies, Delhi				
Name of the Director/Principal	:	Dr. Ajay Kumar				
Address	:	PSP, Institutional Area, Madhuban Chowk, Rohini, Delhi-110085.				
		Mobile No. (Director/Principal)	:	7678600432		
		Telephone No. (Institution)	:	011-27555120-24		
		Email ID	:	directortias@tecnia.in		
		Institution website URL	:	https://tiaspg.tecnia.in/		

Acader	Academic Programmes													
S. No.	Programme	Start Year	Regulatory Body	As	oned Intal sessment	Year	Total Student (for all years)							
				1 st Shift	2 nd Shift	Total								
1.	MBA	I Shift: 1999 II Shift: 2012	AICTE/ DTTE/	120	120	480	I Shift : 42 II Shift : 09							
			GGSIPU				Total = 51							
2.		I Shift: 1999	DHE	180	180	1080	I Shift : 515							
	BBA	II Shift: 2007	/GGSIPU				II Shift : 474 Total = 989							
3.		I Shift: 2003	DHE	120	120	720	I Shift : 335							
	BA(JMC)	II Shift: 2009	/GGSIPU				II Shift : 288							
4.		I SL : 6. 2010	DHE	60	60	180	Total = 623 I Shift : 170							
	BCA	I Shift: 2019 II Shift: 2021	DHE /GGSIPU	00	00	180	II Shift : 117							
						= 300	Total = 287							
5.							UG = 1899 PG = 51							
6.							Total = 1950							
7.														
8.														
9.														
Program	l nme-wise list o	f faculty for the ass	l sessment year (to	L be upload	ed under i	mandatory	disclosures).							

1. 9	Status of Acc	red	itation							
1(a)	a) Applicability of Accreditation:									
	NBA Only	:	[] Yes []	No						
	NAAC Only	:	V □ Yes							
	NBA and NAAC	:	[Yes []	No						
1(b)	Status of Accredi	itatio	on							
	NBA (Out of 25 scaled to 5	0, if o	nly NBA accreditat	ion applicable)	:	NBA Under Process				
	NAAC (Out of 25 scaled to 50, if only NAAC accreditation is applicable)			:	NAAC accredited CGPA : 3.11 Grade : "A" Institute 2 nd Cycle Under Process	https://tiasp g.tecnia.in/ naac/				
	NBA and NAAC (Out of 50, if both NAAC & NBA accreditation are applicable and marks would be awarded as per availability of accreditations, out of total of '25' marks each for NBA and NAAC)		:	NBA Under Process NAAC accredited CGPA : 3.11 Grade : "A" Institute 2 nd Cycle Under Process						
	Marks (Max. Marks: 50)									

2. Status of Teachers' Availability

As per statutory body (UGC, AICTE, BCI, NCTE, COA, RCI, AYUSH, etc.) norms or to be assessed for UG as 1:20, PG as 1:15.

I)		No. of Students							
	In UC	Ĵ	:	579 All Years	$(1^{st} Year + 2^{t})$	nd Year $+ 3^{rd}$ Y	(ear): 1899		
Ī	In PG : 36 All Years $(1^{st} Year + 2^{nd} Year)$: 51								
))	Num	ber of Regular'							
	In UC	Ĵ	:	84					
	In PC	Ĵ	:	24					
	In UC	G and PG	:	108					
	Total		:	108					
	Teach	ners' Ratio							
	S. No.	Programme(s) duration (in Ye		Sanctioned Intake x duration	No. of Required	No. of F	Regular* Teach Available	ners	Teacher- Student Ratio
				of the programme = total students (a)	Teachers (b)	Assistant Professor (Jr. Faculty) (c)	Associate Professor + Professors (Sr. Faculty) (d)	Cadre Ratio (d/c)	(a/(c+d))
	1.	MBA (2 Yr	s.)	120x2=240	12	8	3+1	0.5	20
	2.	MBA 2nd Shift (2 Yrs.)		120x2=240	12	8	3+1	0.5	20
	3.	BBA (3 Yrs.)		180x3=540	27	18	6+3	0.5	20
	4.	BBA 2nd Shift (3 Yrs.)		180x3=540	15	9	3+3	0.66	20#
	5.	BJMC (3 Yrs.)		120x3=360	18	12	4+2	0.5	20
	6.	BJMC 2 nd Shift (3 Yrs.)		120x3=360	10	6	3+1	0.66	20#
	7.	BCA (3 Yrs.)		60x3=180	9	6	1+2	0.5	20
	8.	BCA 2 nd Sh (3 Yrs.)	ift	60x2=120	5	4	1+0	0.25	20#
		Total Intake UG Program		I Shift : 1080 II Shift : 1020	54 26	36 17	18 9	0.51	20
		Total Intake PG Progran		I Shift : 240 II Shift : 240	12 12	8 8	4 4	0.5	20
		Total			Req. 104 Available -108	Req. 69 Available -71	Req. 35 Available -37	0.50 0.52	20
-						Marks Nax. Marks: 100)	100		

Visiting / Adjunct Faculty shall be counted as per the norms.

List of faculty should be uploaded on website under mandatory disclosures.

#Ref. Letter No. DHE-4(60)/Policy/GGSIPU/2014-15/5890-5904; Dated 12-01-2016 from DHE, Govt. of NCT of Delhi Uploaded on Tecnia Website: <u>https://tiaspg.tecnia.in/mandatory-disclosures/</u>

3. Quality of Teachers and Teaching

3. C	Quality of Teachers and Teaching	5		
		No.	Details	Marks
3(a)	No. of teachers with Ph. D.	46	Management Sciences: 30Journalism & Mass Communication: 13Information, Communication & Technology: 05	
3(b)	No. of publications in WoS/SCOPUS/UGC- CARE (Category-I) listed journals in the assessment year	21	List Attached	
3(c)	No. of publications in UGC-CARE (Category- II) listed journals in the assessment year	04	List Attached	
3(d)	No. of publications in any referred journal other than the above (with ISSN No.) in the assessment year.	11	List Attached	
3(e)	No. of publications in conferences in the ass	essment year		
	 Indexed by WoS/SCOPUS/UGC-CARE (Category-I) 	-		
	Indexed by UGC-CARE (Category-II)	-		
	With ISBN Number	Proceedings 03	 38th National Conference on Emerging trends in Cloud Computing. ISBN - 978-93-95033-336. Link- <u>https://drive.google.com/file/d/1DiGvUmhFEN</u> <u>1qNFBRJZ-jDzeb4pq0I-tt/view</u> 	
		Papers 31	 37th National Conference on Computing Informatics Networks & Security. ISBN – 978-93-95033-01-5. Link- https://drive.google.com/file/d/1To_mZvx14iNo <u>5zbTynIEc_GCG3F5Y7Bb/view</u> 36th National Conference on National Education Human Value & Media Education SBN - 978-93-95033-18-3. Link- https://drive.google.com/file/d/11Jw4oXx5Hirci U4K6yF9qqCRV0p-RFpy/view 	
	Any other	None		
3(f)	No. of Books / Edited Books / Book Chapters published	13 Books Chapters - 183	 Technology and Innovation Management Human Resource Management Human Resource Management Cost Accounting. Business Analytics Strategic Management. Business Law. Production and Operation Thrust Area for Industry 4.0 Media and Society Innovative Marketing Visual Communication Divyangs and Digital Word. Business Communication. 	
3(g)	Course/teaching plan with details of number of lectures on each unit of curriculum, in the assessment year	197	MBA: 43 BBA: 44 BCA: 55 BA(JMC): 55	
3(h)	No. of courses on Learning Management System (LMS)	197	MBA: 43 BBA: 44 BCA: 55	
			BA(JMC): 55	

	projectors and ICT facilities (Geo tagged photos should be uploaded and available under mandatory disclosures)					
3(j)	Percentage of teachers using ICT for teaching (having PPTs, Videos, etc.)	100%				
			Marks (Maximum Marks: 100)			
	List of Total number of publications for the assessment year to be uploaded at the Website under mandatory disclosures					
	Up	loaded on Tech	a Website: https://tiaspg.tecnia.in/mandatory-disc	losures/		

4. Institutional Support for Faculty Development								
			Details	Marks				
4(a)	Documentary evidence of awards like best teacher/best researcher, etc.	:	Best Teacher award for MBA Program : Dr. Sandhya Bindal; Dr. Garima Singh. BBA Program : Dr. Sandeep Kumar Dr. Megha Sharma BA(J&MC) Program: Dr. Gopal Thakur; Mr. Mayank Arora BCA Program: Dr. Deepak Sonker.					
4(b)	Documentary evidence of mechanism for grant of study leave to teachers with full pay for faculty to pursue higher study at other institutions	:	Study leave Policy attached.					
4(c)	Documentary evidence of grant of funds to teachers to attend conferences, or seminars, or FDP, or workshops, etc. including registration fee, TA/DA, and grant of special casual leave or duty leave for this purpose.	:	Dr. Ashutosh Bajpai attended 5 days' workshop on Universal Human Values, FDP -3 in Lucknow and Punjab. Dr. Sandeep Kumar awarded NPTEL online Certification course on Product and Brand Management.					
4(d)	Individual computing facilities provided to teachers	:	Computers / Laptops.					
4(e)	Internet facility (to every teacher)	:	Internet Facility Provided to all the teachers.					
			Marks (Maximum Marks: 50)					

5. Framework for Students' Grievance Redressal Mechanism

			Dataila	Manka
		1	Details	Marks
5(a)	Availability of Students' Grievance Redressal Committee (SGRC) and complies with UGC's Regulations 2012	:	https://tiaspg.tecnia.in/wp- content/uploads/2022/12/28.11.2022- GRC-new.pdf	
5(b)	Whether the Grievance Redressal Committee has elected students representative	:	https://tiaspg.tecnia.in/wp- content/uploads/2023/11/Notification_St udent-Representative.pdf	
5(c)	Whether meticulous and verifiable documentations of the proceedings of Students' Grievance Redressal Committee is maintained	:	https://tiaspg.tecnia.in/online-grievance- redressal/	
5(d)	Availability of Psychiatrist, Psychologist and professional students counsellors	:	https://tiaspg.tecnia.in/wp- content/uploads/2022/03/Profile_MOHD -HASEEB-AHAMAD.pdf	
5(e)	Whether the institute has published/notified prominently the details of SGRC on website and admission prospectus	:	https://tiaspg.tecnia.in/online-grievance- redressal/	
5(f)	Whether students are satisfied with the effectiveness of the SGRC	:	https://drive.google.com/drive/my-drive https://drive.google.com/drive/my-drive	
5(g)	Whether reports of the proceedings of SGRC is sent to the University every semester	:	https://tiaspg.tecnia.in/wp- content/uploads/2023/03/7 SGRC_University- Submission_14.01.2023.pdf	
			Marks (Maximum Marks: 100)	

6. Ir	6. Institutional Support for University Examinations (during the Assessment Year)									
			Details	Marks						
6(a)	Percentage of faculty participation in university examinations as evaluators / university representatives (a).	:	As per the requirement of the university/Institute all requisite faculty members have deputed on examination duties (80%).							
6(b)	No. of days per faculty devoted to university examination process (b).	:	As per the requirement of the university/Institute the faculty members have deputed on examination duties. (90 days during the session).							
			Marks							
			(Maximum Marks: 50)							

7(a)	Books										
	S. No.	Programme	Title (a)	Volume (b)	Score	Details	Marks				
	1.	MBA	1128	11809		Total Number of Titles: 4909.					
	2.	BBA	1306	10957		Total Number of Books: 41532.					
	3.	BA(J&MC)	1023	6797		1					
	4.	BCA	1452	11969		1					
	5.					1					
	6.					1					
	7.					1					
	8.					1					
	9.					1					
	10.										
	11.					1					
	12.										
	Total Score										
	Marks (Maximum Marks: 70)										
7(b)	Journals										
	S. No.	Type of Journal	No. of Journals	Ratio (Ca	p to 1)	Details	Marks				
	1.	Indian	a = 49	a/12 = 4	4.083						
	2.	International b = 28		b/3 = 9							
		<u> </u>		<u> </u>		Marks (Max. Marks: 30)					
	[9(a) + 9(b)] (Max. Marks: 100)										

8. S	tatı	is of Laboratories											
				Details	Marks								
8(a)	Com	us of Laboratories other than puter Lab (as required by utory body) Number of Labs	No. 05	 Browsing Centre Operating System Lab Language Lab Multimedia - Audio Visual Lab Programming Lab. 									
	(ii)	Status of Instruments / Equipment's	91	Printer B&W : 26 Colour Printer : 2 24 port switch : 8 16 port switch : 4 8 port switch : 4 Scanner : 8 Hotspots : 12									
	(iii)	Up-gradation as per new technological developments and requirements of the course curriculum	 The Institute enhanced the Wi-Fi Access Points. The institute enhanced the CCTV for better surveillance. The institute has upgraded networking switch to gig switch for better connectivity of internet to the students. 	LCD Projector : 27									
				Marks (Max. Marks: 50)									
8(b)	State	Status of Computer Labs (UG: 1 per 6 students across all years; PG: 1 per 3 students across all years)											
	(i)	Total Number of computers available in labs	325	Programme Req. Available PG 80 100 UG 180 225 Total 260 325									
	(ii)	Total number of available licensed software required as per course curriculum (as required by statutory body)	33	List Attached									
	(iii)	Quality of Internet connectivity	100 Mbps	Bill Attached									
				Marks (Max. Marks: 50)									
				Total Marks									
			Uploaded on Tecnia Website: htt	[10(a) + 10(b)] (Max. Marks: 100) tps://tiaspg.tecnia.in/mandatory-disclosed	sures/								

9(a)	Conferences Organized		No.	Details	Marks						
5(4)	International / National Conferences	:	03	1. 38 th National Conference on Emerging trends in Cloud	marko						
				Computing. ISBN - 978-93-95033-336.							
	Proceedings are indexed with WoS / SCOPUS / UGC-CARE (Category-I)	:	ຼີ Yes 🔤 No	Link- https://drive.google.com/file/d/1D							
	Proceedings are indexed with	:	Yes VNo	iGvUmhFEN1qNFBRJZ- jDzeb4pq0I-tt/view.							
	UGC-CARE (Category-II)			2. 37 th National Conference on							
	Proceedings have ISBN Only	:	√ Yes	Computing Informatics Networks & Security.							
	Proceedings do not have ISBN		🗌 Yes 🗌 No	- ISBN – 978-93-95033-01-5. Link-							
				https://drive.google.com/file/d/1T o_mZvxl4iNo5zbTynIEc_GCG3 F5Y7Bb/view.							
				3. 36 th National Conference on National Education Human Value							
				& Media Education SBN - 978-93-95033-18-3. Link-							
				https://drive.google.com/file/d/11 Jw4oXx5HirciU4K6yF9qqCRV0							
- (1.)				p-RFpy/view							
9(b)	Seminars Organized (02 Half Day Ser	minars		1							
	No. of One Day Seminar	:	06	MBA : 01 BBA : 01							
	No. of Half Day Seminar	:	-	BA(JMC): 02 BCA : 02							
9(c)	Faculty / Management Development Programme Organized (of at least one week/5days duration)										
	FDP/MDP	:	03	MBA : 01 BBA : 01							
0(-1)	Washahang Osganizad			TIAS : 01							
9(d)	Workshops Organized No. of Workshop	:	10	MBA : 03							
		-	10	BBA : 03							
				BA(JMC): 01 BCA : 03							
9(e)	Short Term / Value Added Prog	gram	mes Conducted	1							
	No. of Programme	:	12	MBA : 01 BBA : 01							
				BA(JMC): 06 BCA : 04							
9(f)	Webinars / Online Extension Le	ectur	es Conducted								
	No. of Lectures	:	07	MBA : 01 BBA : 01 BA(JMC): 04 BCA : 01							
	I		1	Marks	L						

ational / National al ency her ed at WoS/SCOPUS ed in UGC-CARE ther Indexing (please y) lexing	:	01 National Half Yearly Dr. Ajay Kumar Yes No	https://tiaspg.tecnia.in/tecnia- journal-of-management-studies/					
her ed at WoS/SCOPUS ed in UGC-CARE ther Indexing (please y)	:	Dr. Ajay Kumar						
ed at WoS/SCOPUS ed in UGC-CARE ther Indexing (please y)	:	☐ Yes ☐ No ☐ Yes ☐ No ✔ Yes ☐ No						
ed in UGC-CARE ther Indexing (please y)	:	☐ Yes ☐ No ✔☐ Yes ☐ No						
ther Indexing (please y)	:	v ☐ Yes ☐ No						
ý)								
lexing	:							
	1	🗌 Yes 🗌 No						
Publication of Newsletters and Magazines								
zine	:	01 Tecnia Times	https://tiaspg.tecnia.in/tecnia- times/					
ency	:	Yearly						
ation Type	:	Print						
etter	:	01 "Youngster"						
ency	:	Monthly	https://tiaspg.tecnia.in/youngst er-bilingual-newspaper/					
ation Type	:	Print	_					
	zine ency ation Type letter ency ation Type	ency : ation Type : letter : ency :	ency : Yearly ation Type : Print letter : 01 "Youngster" ency : Monthly	Tecnia Timeshttps://tiaspg.tecnia.in/tecnia- times/ency:Yearlyation Type:Printletter:01 "Youngster"ency:Monthlyhttps://tiaspg.tecnia.in/youngst er-bilingual-newspaper/				

Activities like mock int	erview, role	e play, group discussions	s, quizzes, workshops, competitions, etc.						
Activities		No.	Details	Mark					
Mock Interview	:	10							
Role Play	:	4 (Language Lab)	_						
Group Discussion	:	18	_						
Workshop	:	04	_						
Competition	:	07	-						
Personality development labs, Provisions for trained faculty to conduct practical sessions and exister of qualified student counsellors									
Personality developme labs	nt :	Yes							
Availability of trained faculty to conduct prac sessions	tical :	Dr. Poonam Dua							
Availability of student counsellor	:	Dr. HLN Murthy	-						
Sports facilities in the l	Sports facilities in the Institutions								
Indoor facilities	:	Yes							
Outdoor facilities	:	DDA Sports complex (As per the requirement of the							
		institute) and Playground & Swimming pool of sister concern institute.							

			No.			Details
(i)	Total No. of Students having	:	Programme	Admitted	Passed	
	Passed out (in that		MBA (2021-23)	15	14	
			BBA (2020-23)	339	332	
	Assessment Year)		BJMC (2020-23) BCA (2020-23)	239 52	236 51	
			Total	645	633	
(ii)	Total No. of Students, who are	:	Programme		ered for	
	eligible and have registered		MBA (2021-23)	1	1	
	for Placements (a)		BBA (2020-23)	6	-	
			BJMC (2020-23)	7		
			BCA (2020-23) Total	1	-	
(iii)	Total No. of students going for	:	Programme	<u> </u>	Education	
(111)		•	MBA (2021-23)	0	0	
	Higher Education (b)		BBA (2020-23)		94	
			BJMC (2020-23)	-	94	
			BCA (2020-23) Total		29 17	
(:)	Tatal Na. of Students housing		Programme	-		
(iv)	Total No. of Students having	:	MBA (2021-23)	Placed 8		
	been placed (c)		BBA (2020-23)		18	
			BJMC (2020-23)		55	
			BCA (2020-23)		0	
<i>(</i>)			Total		21	
(v)	Total No. of Students placed +	:	Programme		+ Higher Idies	
	Higher Education (d =b+c)		MBA (2021-23)		8	
			BBA (2020-23)		42	
			BJMC (2020-23)		49	
			BCA (2020-23) Total	-	39 38	
(vi)	Total Percentage (%age) of	:	Programme	%		_
(1)		•	MBA (2021-23)	0		
	Placements + Higher		BBA (2020-23)	124	-	
	Education		BJMC (2020-23)	158		
	{ e = (d/b) * 100}		BCA (2020-23) Total	134		
(vii)	No. of companies visited the	:	251	150	17	
	campus					_
(viii)	Average salary offered	:	3.01 LPA			
(ix)	Existence of training and placement office	:	$\sqrt{\Box}$ Yes \Box No			
					(\\A	Marks ax. Marks: 50)

load pict	tures under mandatory disclosures	Details	Mark			
(i)	Individual seating arrangements for faculty with suitable furniture	:	v] No	https://tiaspg.tecnia.in/wp- content/uploads/2023/11/Gener al-Parameters-about-the- Institution.pdf	
(ii)	Institution Website URL	:	√ີ Yes	🗌 No	https://tiaspg.tecnia.in/	
(iii)	Common rooms for girls (separate)	:	v	🗌 No		
(iv)	Cleanliness of toilets	:	v	🗌 Bad		
(v)	Students' canteen and drinking water arrangements	:	v Yes	🗌 No		

14. Other Facilities Available in the Institute (Based on Feedback)

14(a)					Details	Marks
	Feedback from the Faculty/Employers Collected: Analysed: Action taken: (on parameters like salary as per norms, leaves, research facility, recognition of their contributions, their respect, promotions, and overall academic environment)	:	□ Yes □ Yes □ Yes	□ No □ No □ No	https://tiaspg.tecnia.in/wp- content/uploads/2023/11/MBA- FEEDBACK.pdf https://tiaspg.tecnia.in/wp- content/uploads/2023/11/BBA- FEEDBACK.pdf https://tiaspg.tecnia.in/wp- content/uploads/2023/11/BCA- Other-Facilities.pdf https://tiaspg.tecnia.in/wp- content/uploads/2023/11/BAJMC- Other-Facilities.pdf	
14(b)	Feedback from the Students/Alumni Collected: Analysed: Action taken: (on parameters like teaching environment, regularity of classes, availability of teachers outside classes, support for conducting extra – curricular activities such as field visits, cultural festivals etc., administrative support, career guidance, counselling, support for training and placements, and student's interaction with experts from industry and academia)	:	□ Yes □ Yes □ Yes	□ No □ No □ No	https://tiaspg.tecnia.in/wp- content/uploads/2023/11/MBA- FEEDBACK.pdf https://tiaspg.tecnia.in/wp- content/uploads/2023/11/BBA- FEEDBACK.pdf https://tiaspg.tecnia.in/wp- content/uploads/2023/11/BCA- Other-Facilities.pdf https://tiaspg.tecnia.in/wp- content/uploads/2023/11/BAJMC- Other-Facilities.pdf	
		•			Marks (Max. Marks: 50)	

15. Removal / Completions of Identified Deficiencies

Removal / Completions of deficiencies, as identified in previous Academic Audit (If last year, there was no audit, then no marks to be awarded, and the maximum marks component of this parameter not to be counted in total marks). Only deficiencies, as deviations from the standard norms, to be considered.

			No.	Details	Marks
(i)	No. of deficiencies identified in last report (a)	:	6	The institute has complied with all the observations and recommendations of the GGSIP University.	
(ii)	No of deficiencies removed / completed (b)	:	6		
		1	I	Marks (Max. Marks: 50)	

16. Sı	ummary of Marks			
S. No.	Name of the parameters	Maximum Marks	Marks Obtained	Remarks
1.	Status of Accreditation	50		
2.	Status of Teachers' Availability	100		
3.	Quality of Teachers and Teaching	100		
4.	Institutional Support for Faculty Development	50		
5.	Framework for Students' Grievance Redressal Mechanism	100		
6.	Institutional Support for University Examinations	50		
7.	Status of Library	100		
8.	Status of Laboratories	100		
9.	Co-Curricular Activities Conducted by the Institution	100		
10.	Publications of the Institutions	40		
11.	Students' Personality Development Activities	30		
12.	Status of Placement	50		
13.	General Parameters about the Institution	30		
14.	Other Facilities Available in the Institute	50		
15.	Removal / Completions of Identified Deficiencies	50		
	Total Marks	1000		
	Percentage (%ag	e) Obtained		

17. Adherence of Time Schedule

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Adherence of time schedule for 1 st and 2 nd Shift	√ _ Yes	🗌 No	For institutions,	not	adhering	to	schedule,	ask	for	written
Programmes			explanations.							

18. D	18. Deficiencies Identified (only deviations from the standard norms, to be mentioned here):						
S. No.	Details of the identified deficiencies						
1.							
2.							
3.							
4.							
5.							
6.							
7.							

19. O	19. Overall Observations and Recommendations					
S. No.	Observations and Recommendations					
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						

Name and Signature of the Members of Academic Audit Committee

(i)	(ii)
(iii)	(iv)
(v)	(vi)