

**ANNA UNIVERSITY OF TECHNOLOGY CHENNAI**  
**CHENNAI 600 113**

**BHAJARANG ENGINEERING COLLEGE**  
**Veppampattu (R.S), Thiruvallur Dist.-602024**

**Application for Affiliation**  
**for the Academic year**  
**2011-12**

**Submitted on 21<sup>st</sup> January 2011**

**Centre for Affiliation and Research**  
**Anna University of Technology Chennai**  
**Tharamani, Chennai 600 113**

*[The college is requested to submit 2 hard copies of soft bound (spiral binding not be used) duly filled-in application in A4 size indicating the page numbers in the content sheet along with a soft copy in CD]*

TO

The Registrar,  
Anna University of Technology Chennai,  
Chennai- 600113.

Sir,

Sub: Submission of Application for Continuation of Provisional Affiliation 2011-12 along with necessary inspection fee - reg

Ref: Your Lr. No. 125 / Affln / App. for Affln. 2011-12 dated 21.12.10.

With reference to your letter cited above, we are hereby submitting Application for Affiliation for the Academic Year 2011-12 in the prescribed format (2 hard copies of soft bound) along with one softcopy (CD), for grant of affiliation.

The necessary inspection fees for Rs.75000/- Drawn in favour of The Director, Centre for Affiliation, Anna University of Technology Chennai, Chennai - 600113 by DD No.010577 & 010603 dated 20.01.11 & 21.01.11 from Axis Bank Ltd. Thiruvallur.

Kindly acknowledge the receipt of the same.

Thanking you,

Yours sincerely,

For **Bhajarang Engineering College**

**Dr. S. Neduncheliyan**  
**PRINCIPAL**

Enclosed:

- 1 DD No. 010577 dated 20.01.11 and DD.No.010603 dated 21.01.2011 drawn in Axis Bank Ltd.
2. Softcopy - in CD 1 Number
3. Soft bound Hard copies 2 sets

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# ANNA UNIVERSITY OF TECHNOLOGY CHENNAI THARAMANI, CHENNAI 600 113

## Format of Application for Affiliation for the Academic Year 2011-12

(The last date for the receipt of the completed application is 21<sup>st</sup> January 2011)

### 1. College

- i. Name of the College : **BHAJARANG ENGINEERING COLLEGE**
- ii. Address of the site as approved by the AICTE : Ayathur Village, Veppampattu (R.S) Thiruvallur-602024
- a) Name of the Village : Ayathur Village, Veppampattu (R.S)
- b) Name of the Taluk : Thiruvallur
- c) Name of the District : Thiruvallur
- d) Pincode : 602024
- e) Nearest Landmark : Near Veppampattu Railway Station
- iii. Is the college functioning at the above said-approved site? : YES
- iv. Telephone Numbers : 044-27697540/ 27624664/65/66/69
- v. Fax Numbers : 044-27624646/4669
- vi. e-mail : bec@bhajarangenggcollege.com  
bhajarang2000@yahoo.com
- vii. Website address : www.bhajarangenggcollege.com/org
- viii. Year of establishment of the college : 2001
- ix. Category of the College : Minority – Linguistic – Telugu  
(please tick (√) the appropriate box)

Non Minority	Minority						
	Linguistic			Religious			Others (specify)
	Malayalam	Telugu	Sourashtra	Christian	Muslim	Jain	
		✓					

## 2. Trust / Society

- i. Name of the Trust / Society : **BHAJARANG EDUCATIONAL AND SOCIAL TRUST**  
#14, 3<sup>rd</sup> Main Road, Krishnapuram
- ii. Address of the registered office : Thiruninravur – 602 024,  
Thiruvallur District
- iii. Registration number : 730
- iv. Date of registration : 02.08.2000
- v. Name of the Chairman / Secretary/  
Correspondent : **Dr. M.G. Baskaran**
- vi. Telephone numbers - Office : 044-26300333  
Residence : 044 - 26300333
- vii. Fax numbers : 044 – 26300333
- viii. Mobile numbers : 09841090336
- ix. e-mail : best@bhajarangenggcollege.com  
bhajarang2000@yahoo.com

## 3. Principal

- i. Name : Dr.S.Neduncheliyan
- ii. Qualification : B.E.,M.S.,Ph.D.,
- iii. Date of Joining : 02.12.2010
- iv. Telephone numbers – Office : 044-27697540  
Residence :
- v. Fax numbers : 044-27624646
- vi. Mobile numbers : 9444626262
- vii. e-mail : principal@bhajarangenggcollege.com
- viii. Residential address : Veppampattu (R.S),  
Thiruvallur Dist - 602024



**4. Governing Council  
Composition**

Sl. No.	Name	Position	Qualification	Present professional position/Occupation	Telephone numbers	e-mail	Address
1.	Dr. M.G.Baskaran	Chairman	D.M.E; D.B.A	Chairman Managing Trustee	9841090336	bec@bhajarangenggcollege.com bhajarang2000@yahoo.com	Bhjarang Engineering College, Near Avadi, Veppampattu(RS) Thiruvallur-602 024.
2.	Dr. R.M.Vasagam	Members	Ph.D	Pro Chancellor	9945860690	vp-admin@drmgrdu.ac.in	Dr. MGR Deemed University, Chennai.
3.	Dr. S. Renganathan		Ph.D	Chairman	9841247417	subra.renga@gmail.com	Rrase Engineering College, Chennai
4.	Dr. V. Ramachandran		Ph.D	Former Vice Chancellor	9840995251		Anna University, Trichy
5.	Dr.G.B.Jai Prakash Narain		Ph.D	Principal	9444904368		MNM Jain Engineering College, Chennai
6.	Dr.K. Ganesan		Ph.D	Former VC	9841432023	ganesh1034@yahoo.co.in	Sri Sankarachariyar Deemed University, Kancheepuram - TN
7.	Thiru.P. Swaminathan		M.Tech	Director	9442626484		IGCAR, 4A, 5 <sup>th</sup> Avenue Kalpakkam
8.	Dr.R.C. Janagarajan		Ph.D	Former Registrar, IITM Director	9442160111		Trichy Engg College Trichy
9.	Dr.P.N. Sridharan		Ph.D	Vice President	9840301466		Hexaware Technology Solution, Chennai
10.	Dr. S.Paramasivam		Ph.D	AGM , ESAP	9840105091	paramsathya@yahoo.com	F1,KGR Mahadev Appartments Old no 3, New no 19, Vembli Amman Koil St KK Nagar,Chennai 600 078.
11.	Dr.N. Manoharan		Ph.D	Vice-Chancellor	9444032262		Sathyabama Deemed Univesity, Chennai, No.429,/2E, Plot No.25, Fourth Cross Street, VGP Gokul Nagar, Perumbakkam, Chennai-100

12.	Dr. R. Kumar		Ph.D	Senior Consultant	9443208898		WIPRO Technology, Choolai, Chennai
13.	Er.R.Ramesh		B.E	Managing Director, Kaaviya Properties			Kaaviya Construction Pvt Ltd., Block 1B,Casa Block, Fedrick Avenue, Thirumorthy Nagar, Nungampakkam, Chennai 34
14.	Mr.Vijay KumarGulacha		C.A	Chartered Accountant	9840102302		Gulacha Associates, Chennai 79
15.	Thiru.S. Murthy		B.A., B.L.	Legal Advisor	9444050937		Bhजारang Engineering College, Near Avadi, Veppampattu(RS) Thiruvallur-602 024.
16.	Mr.A.Krishnakumar		B.A., B.L.	Legal Advisor	944486343		#786,LTH Road, Cholan Nagar, Pattabiram, Chennai – 600072, 9444863435
17.	Dr.S.Neduncheliyan	Member Secretary	B.E., M.S., Ph.D.,	Principal	04427697540	principal@bhजारangenggcol lege.com	Bhजारang Engineering College, Veppampattu(R.S)

## 5. Planning and Monitoring Board Composition

Sl. No	Name	Position (Chairman/Member)	Category	Qualification	Present professional position/ Occupation	Telephone numbers	e-mail	Address
1	Dr.S.Neduncheliyan	Chairman	Principal of the college	B.E.,M.S.,Ph.D	Principal	044-27697540	principal@bhजारangenggcollege.com	Veppampattu R.S, Thriuvallur Dist-602024
2	Prof. E. Gunasekaran	Member	Senior faculty member of the college	M.E., (Ph.D)	Vice-Principal	9445172293	hodcse@bhजारangenggcollege.com	No10, Sankara Narayanan St, V.O.C,Pammal,Chennai-75.

Sl. No	Name	Position (Chairman/Member)	Category	Qualification	Present professional position/Occupation	Telephone numbers	e-mail	Address
3	Mr.N.Shanmugasundaram	Member	Senior faculty member of the college	M.E., (Ph.D)	HoD/EEE	9444480198	hodeee@bhajarangengcollege.com	NO: 87, KAMBER ST.,ZAMIN PALLAVARAM, CHENNAI.
4	Dr.R.C. Janagarajan	Member	Former, Professor,	PhD	Director	9442160111		Anna University, Chennai, Trichy Engg College.
5	Dr.P.N. Sridharan	Member	Industrial expert in the field of engineering and technology	PhD	Director	9840301466		Hexaware Technology Solution, Chennai
6	Thiru.P. Swaminathan	Member	Industrial expert in the field of engineering and technology	M.Tech	Director	9442626484		IGCAR, Kalpakkam
7	Mr. V. Suriya Narayanan	Member	Architect/Civil Engineer	BE	Civil,Structural enggr	9841579985		Sri Kiruba, #20, Devar Street, Villivakkam, ch-49

## 6. i. Discipline and Welfare Committee

### Composition

Sl. No	Name	Position	Category	Telephone Numbers	e-mail	Address
1	Prof. V. Swaminathan	Chairman	Senior Head of the Department	044-27697540	principal@bhajarangengcollege.com	Bhjarang Engineering College, Near Avadi, Veppampattu(RS) Thiruvallur-602 024.
2	Mr.E.Gunasekaran	Member	Head of the Department	9445172293	hodcse@bhajarangengcollege.com	No.10. Sankaranarayanan str, VOC Nagar, Pammal, Chennai 75
3	Mr.N.Shanmugasundaram	Member	Head of the Department	9444480198	hodeee@bhajarangengcollege.com	11/29, Bharathi Nagar, 2 <sup>nd</sup> Street, Zamin Pallavaram, Chennai-43
4	Mr.P.Annamalai	Member	Head of the Department	9841177520	hodece@bhajarangengcollege.com	Plot No.58, Srinivasa Nagar, 87-Veppampattu, Thriuvallur Dist-602024
5	Mr. R.Srinivasan	Member	Warden / Deputy Warden of Boys' Hostel	9787091316		S/O Mr.C.Rathinam Ellaiamman koil st, Mambakkam Village&post Uthukottai-tk Thiruvallur-Dt 602026
6	Mrs. B.Indhumathy	Member	Warden / Deputy Warden of Girls' Hostel	9941099784	indhumathybaskaran@yahoo.co.in	14. 3 <sup>rd</sup> Main Road, Krishnapuram, Thiruinravur-602024
7	Ms. B. Sathiya	Member	Lady faculty member	9486124937	hodit@bhajarangengcollege.com	Plot 17, 300/4, VK Nagar, Thirunindravur, Ch-602024
8	Mr. S. Antony Jerold	Convener	Student Counselor (Staff)	9444685309	examcell@bhajarangengcollege.com	#43, Kirubai illam, Jayalakshmi nagar, Thirumullaivoyal, ch-62

**ii. Complaints cum Redressal Committee  
Composition**

Sl. No.	Name	Category	Profession	Telephone numbers	E-mail	Address
1	Ms. B. Sathiya	Head	Lecturer	9486124937	hodit@bhajarange nggcollege.com	Plot 17, 300/4, VK Nagar, Thirunindravur, Ch-602024
2	Ms. Kavitha. C	Member	Lecturer	9789515096	kavi_lalu@yaho o.co.in	173/6 I.C.F, West Colony Chennai.
3	Mr. Thandapani	Member	RRB. District field officer	9884994995	mstpani23@gma il.com	#17, 1 <sup>st</sup> Floor, Motilal st, Thiruvallur – 602 001

***Norms for composition:***

- *Should be headed by a senior lady member*
- *50% of the membership of the committee should be represented by ladies*
- *A third party either an NGO or an outside activist who is familiar with the issue of sexual harassment in work place*

## 7. Financial Stability of the Trust / Society

### i. Savings Bank / Current Accounts

Sl. No.	Savings Bank / Current account	Bank Name	Branch	Account number	Balance amount at the end of last financial year (Rs.)	Balance amount as on date (Rs.)
1	Bhjarang Engg. College (Current Account)	OBC	Mount Road, Chennai	12922 (01651010006980)	630946.81	6315724.00
2	Bhjarang Educational & Social Trust	OBC	Mount Road, Chennai	12931 (01651010006990) (01657011000452)	287878.18	282900.00

### ii. Long term deposits

Sl. No.	Bank / Govt./ Govt. approved institution	Branch	Amount (Rs.)	Date of maturity
1.	Oriental bank of Commerce	Mount Road, Chennai	16,00,000/-	28.01.2011
2.	Oriental bank of Commerce	Mount Road, Chennai	9,00,000/-	28.02.2011
3.	Oriental Bank of Commerce	Mount Road, Chennai	66,00,000/-	10.08.2011

iii. Value of Land and building

Sl. No.	Survey number	Location	Extent (sq.m)	Built up area (sq.m.)	Guideline value (Rs.)	Market value (Rs.)
1.	185/1	Ayathur	3080	-	30800	308000
2.	182/3	Ayathur	1440	-	14400	144000
3.	186	Ayathur	2400	-	24000	240000
4.	187	Ayathur	2320	-	23200	232000
5.	188	Ayathur	3760	-	37600	376000
6.	189/1	Ayathur	440	-	4400	44000
7.	189/2	Ayathur	1400	-	14000	140000
8.	190	Ayathur	24800	160000	86065000	127480000
9.	192/2	Ayathur	880	-	8800	88000
10.	179/1	Ayathur	2160	-	21600	216000
11.	179/2	Ayathur	4240	-	42400	424000
12.	180	Ayathur	7520	-	75200	752000
13.	182/1	Ayathur	600	-	6000	60000
14.	184/1	Ayathur	840	-	8400	84000
15.	183	Ayathur	960	-	9600	96000
16.	181/2	Ayathur	5360	-	53600	536000
17.	184/2	Puliyur	2520	-	20790	252000
18.	180/9	Puliyur	4240	-	34980	424000

19.	180/1A	Puliyur	1840	-	15180	184000
20.	186/7	Puliyur	3040	-	22800	304000
21.	187/7	Puliyur	3080	-	23100	308000
22.	187/8	Puliyur	1360	-	10200	136000
23.	186/8	Puliyur	5200	-	39000	520000
24.	184/5B	Puliyur	2240	-	18480	224000
25.	183	Puliyur	7600	-	62700	760000
26.	181/3B	Puliyur	840	-	6300	84000
27.	180/5A, 5B	Puliyur	5840	-	48180	584000
28.	5/1A	Veppampattu	2600	5285	5065000	5260000
29.	5/1B2	Veppampattu	2320	-	58000	232000
30.	5/2A	Veppampattu	640	-	16000	64000
31.	184/2	Puliyur	1280	-	10560	128000
32.	181/3B	Puliyur	7080	-	53100	708000
33.	185/2	Ayathur	3160	-	31600	316000
34.	187/1	Puliyur	5680	-	42600	568000
35.	180/2B3	Puliyur	280	-	2100	28000

**iv. Endowment (if any)**

SI. No.	Created with	Amount (Rs.)	Deposited in the bank (name)	Branch	Instrument No. and date	Date of expiry
1	AICTE	66,00,000.00	OBC	Mount Road Chennai	0519416/91541 Dt. 1.07.2004 01653030007350	16.03.2011
2	University					
3	State Govt.					
4	Others					

**Financial Stability**

Total financial reserves : Rs.13,77,94,888.75

Annual maintenance and development expenditure : Rs. 5,60,48,569.75

**8. Details of the land earmarked for the college**

**Norms:**

Mega cities (Delhi, Kolkatta, Chennai and Mumbai) : 3 acres (1 acre)\*

Metro cities including state capitals : 5 acres (2 acres)

Others : 10 acres (2.5 acres)

\* Figures within the brackets indicate the norms for colleges offering only Architecture & Planning programme(s).

SI. No.	Location of the college (Mega city/Metro city/ others)	Extent of land earmarked for the college (acre)	Document number	Date of registration	Survey number	Extent of land required (refer norms)	Deficiency %
1	Rural Ayathur Village Near Avadi,	30.76	5683	09.08.2000	185/1-182/3 186,187,188, 189/1,189/2, 190/1, 190/2,	Nil	Nil

	Veppampattu(R.S) Thiruvallur Taluk Thiruvallur District Tamil Nadu Pin – 602 024				192/1,179/1, 179/2,180		
2			5684	09.08.2000	182/1,184/1,183, 181/2,183,181/2, 184/2,180/9, 180/1A,186/7, 187/7,187/8, 186/8, 184/5B, 183, 181/3B, 180/5A, 5B		
3			2257	14.05.2001	5/1A, 5/1B2,5/2A		
4			2248	16.05.2001	184/2, 181/3B		
5			2270	16.05.2001	185/2		
6			2271	16.05.2001	187/1, 180/2B3		

**9. Details on Accreditation status awarded by National Board of Accreditation and Inclusion under Section 2(f) and 12(B) of the UGC Act, 1956 (Proof to be enclosed)**

Sl. No.	Programme	Accreditation Status			Inclusion under sections 2(f) and 12(B) of the UGC Act, 1956			
		Accredited / Not Accredited	Period of accreditation, if accredited	Letter No. and date	Section 2(f)		Section 12(B)	
					Included / Not Included	Letter No. and date, if included	Included / Not Included	Letter No. and date, if included
<b>NOT APPLICABLE</b>								

## 10. Existing affiliated programmes

### A. Details of the existing programmes

Sl. No.	Department	Degree	Programme	Year of introduction	Nature of affiliation (Permanent/ Provisional)	Sanctioned intake for the preceding four academic years of the programme				Students admitted including lateral entry and transfer as on roll			
						2007-08	2008-09	2009-10	2010-11	Fourth year	Third year	Second year	First year
1	ECE	BE	Regular	2001	Provisional	120	120	120	120	131	131	110	103
2	CSE	BE	Regular	2001	Provisional	120	120	120	120	113	109	47	98
3	EEE	BE	Regular	2002	Provisional	60	60	60	60	60	66	58	45
4	IT	B.TECH	Regular	2001	Provisional	90	90	90	90	90	59	10	39

### B. Programmes for which continuation of provisional affiliation is sought for the academic year 2011-12.

Sl. No.	Degree	Programme	Whether affiliation is sought for the academic year 2011-12?					
			If Yes				If No, answer one of the following	
			Sanctioned intake in the academic year 2010-11	Additional intake sought for the academic year 2011-12	Total intake sought for the academic year 2011-12	AICTE approved intake for the academic year 2011-12 (if available)	Do you want to suspend the programme? If yes, for how many years?	Do you want to phase out the programme?
1	BE	Electronics and Communication Engineering	120	-NIL-	120	-NO-	-NO-	-NO-
2	BE	Computer Science and Engineering	120	-NIL-	120	-NO-	-NO-	-NO-
3	BE	Electrical and Electronics Engineering	60	-NIL-	60	-NO-	-NO-	-NO-
4	BTECH	Information Technology	90	-NIL-	60	-NO-	-NO-	-NO-
5	BE	Mechanical Engineering	-NIL-	60	60	-NO-	-NO-	-NO-

Note:

- For architecture programmes, approval from the Council of Architecture (COA) should be obtained for the academic year concerned in addition to AICTE approval.
- For B.E. – Marine Engineering, approval from the Directorate General of Shipping (DGS) should be obtained for the academic year concerned in addition to AICTE approval.

**11. Additional programme(s) for which provisional affiliation is sought for the academic year 2011-12.**

Sl. No.	Degree	Programme	Intake sought	AICTE approved intake, if available (Proof to be enclosed)
1	B.E	Mechanical Engineering	60	-NIL-

**Note:**

- The request for affiliation will not be considered for 2011-12, which are not mentioned here.
- In case the approved curriculum and syllabi of the proposed programme(s) are not available at the time of application, those programme(s) will not be considered for affiliation.
- In respect of M.Sc. programmes, only continuation of provisional affiliation will be considered for the existing programmes and the request for affiliation of new programmes will not be considered.
- Inspection for variation in intake / additional programmes will be considered irrespective of the receipt of the AICTE approval. Inspection fee should be paid for the programmes to be inspected. Inspection fee paid once will not be refunded if inspection is carried out.

**12. Details of students presently studying in all the years**

Sl. No.	Programme	Total Students			Number of students - religion wise								Number of students – community wise												No. of Students - Nationality				
													Hindus						Muslims		Christians								
		Hindus		Muslims		Christians		Others		SC		ST		MBC		BC		OC		OBC		OBC		Indian	NRI	Foreign			
		B	G	T	B	G	B	G	B	G	B	G	B	G	B	G	B	G	B	G	B	G	B				G		
1	BE - ECE	326	149	475	294	136	13	3	19	10	0	0	42		1	0	87	26	138	76	32	20	13	3	19	10	475	0	0
2	BE - CSE	194	173	367	176	158	7	4	11	11	0	0	31	29	0	0	51	34	82	82	18	15	2	5	10	8	365	2	0
3	BE - EEE	194	35	229	163	32	17	1	14	2			19	10	1	0	39	3	90	14	14	5	17	1	14	2	229	0	0
4	B.Tech IT	103	95	198	93	86	2	5	7	4	1		18	18			22	15	44	55	13	5	2	1	4	1	196	2	0

B - Boys, G – Girls, T – Total


**12 A. Details of students admitted under minority quota (applicable for Minority Status College)**

Sl. No.	Programme	Total Students		
		B	G	T
1	BE - ECE	15	09	24
2	BE - CSE	20	07	27
3	BE - EEE	10	04	14
4	B.Tech - IT	09	03	12
<b>Total</b>		<b>54</b>	<b>23</b>	<b>77</b>

**13. Faculty- qualification and experience**

**i. Principal**

**A. Qualification**

Principal name with stamp size photo	Date of birth and age	Qualification with class obtained starting from the highest degree	Corresponding specialization	Date of joining	Scale of pay	Present basic pay	Total emoluments	Signature
	15.03.1968	Ph.D	Information & Communication Engineering	02.12.2010	16400-500-22400	19400	40740	
	42 years	M.S(Engg) & I	Robotics					
		B.E & I	CSE					

**B. Experience**

Position and years of experience					
Teaching			Industry		
Institution	Position	Years	Institution	Position	Years
Bhजारंग Engg College	Principal				
Scad Engg College	Principal	1			
JJ College of Engg and Tech	Professor/HOD	3			
Jayaram College of Engg and Tech	Asst.Prof	1			
Pavendar Bharathidasan College of Engg and Tech	Asst. Prof/HOD	1			
Md.Sathak Engg College	Asst.Prof	4			
Rainninal VN Technology, Malaysia	Lecturer	2			
Kolej Premier Yayasan Perak, Ipoh, Malaysia	Lecturer	2			
Linton Institute of Technology, Ipoh, Malaysia	Lecturer	4			
Md.Sathak Engg College	Lecturer	2			

ii. Details of faculty of Engineering & Technology Departments offering the programme(s)

Annexure Enclosed

14. Faculty – requirements and availability

i. Consolidated details of faculty for Science & Humanities (for supporting Engg. & Tech. programmes)

Designation	Maths	Physics	Chemistry	English	Gen. Engg.	Total
Professor	-	-	-	-	1	1
Assistant Professor	-	-	-	-	1	1
Lecturer	6	4	4	3	9	26
Grand Total (A)						28

Total sanctioned intake for the year 2010-11 of all the B.E. / B.Tech. Programmes (S1): 390

Total no. of faculty members required (R) = (S1/15) : 26

% Deficiency [(1- A/R) x100] : NIL

ii. Consolidated details of faculty for all the programmes except M. E. / M. Tech.

S.No.	Degree	Programme(s)	Total Sanctioned Strength* (S)	Professor			Asst. Prof.			Lecturer			Total no of faculty members available (T = A1+ A2+ A3)	SSR 1: S/T
				R#	A1	D (%)	R#	A2	D (%)	R#	A3	D (%)		
1	B.E	Computer Science & Engineering	360	2	2	-	5	5	-	17	18	-	25	1:14.4
2	B.E	Electronics & Communication Engineering	360	2	2	-	5	7	-	17	16	-	25	1:14.4

3	B.E	Electrical & Electronics Engineering	180	1	1	-	2	5	-	9	9	-	15	1:12
4	B.Tech	Information Technology	270	2	2	-	4	6	-	12	12	-	20	1:13.5

<b>* Academic years to be considered for the calculation of total sanctioned intake(s)</b>					
<b>Programmes</b>	<b>B.E./B.Tech.</b>	<b>B.Arch./B.I.D.</b>	<b>M.B.A. / M.Sc. (2 years)</b>	<b>M.C.A.</b>	<b>M.Sc. (5 years)</b>
Academic years	2008-09 to 2010-11	2007-08 to 2009-10 + 2 times the sanctioned intake of 2010-11	2 times the sanctioned intake of 2010-11	2009-10 + 2 times the sanctioned intake of 2010-11	2007-08 to 2009-10 + 2 times the sanctioned intake 2010-11

**R** = Required, **A<sub>i</sub>** = Available, **D** = Deficiency, **SSR** = Staff : Student Ratio

# To find **R**, for different cadres, for a given total sanctioned strength **S**, refer **ANNEXURE I** for all programmes except B.Arch.

For B.Arch. programmes refer **ANNEXURE II**

iii. **Consolidated details of faculty for M.E. / M.Tech.** **--NOT APPLICABLE--**

iv. **Are training and development opportunities given to faculty members?** **YES**

v. **Is performance appraisal system followed for faculty members?** **YES**

15. **Non-teaching staff** **Annexure enclosed**

16. **Laboratory:** **Annexure Enclosed**

## 17. Central Computing Facility

### i. Area

Area required (sq.m.)	Area available (sq.m.)	Deficiency %
150	205	Nil

### ii. Terminals and LAN/WAN connections:

#### *Norms for number of terminals:*

*B.E./B. Tech.*

*M.E./M. Tech.*

*B.Arch.*

*M.B.A.*

*M.C.A*

#### *Terminal: Student*

*1:4*

*1:2*

*1:6*

*1:2*

*1:2*

	Number of terminals with P4 processor	Number of terminals on LAN/WAN	Number of Printers
Required	390	195	39
Available	405	405	42
Deficiency	Nil	Nil	Nil

### iii. Softwares

Software required	Name of the software available	Deficiency %
System software – two	1. Windows 2003/XP OS	NIL
	2. Linux	
Application software – eight and four for B.E. / B.Tech. and B.Arch. / M.B.A. / M.C.A. programmes respectively.	1. Rational Rose	NIL
	2. Windows Office Suite	
	3. Visual Studio	
	4. MAT Lab	
	5. Macro Media Package	
	6. Oracle 11g	
	7. Code gear	
	8. JAVA	

**iv. Network connectivity**

Bandwidth : **2MBPS**  
 Number of nodes with Internet connection : **30**

**Norms:**

Bandwidth : 510 Kbps  
 Number of nodes with Internet connection : 30

For colleges offering only Architecture programmes:

Bandwidth : 510 Kbps  
 Number of nodes with Internet connection : 15

**18. Library**

**i. Area**

Area required for an intake of 240 students (sq.m.)	Projected Area (sq.m.)	Area available (sq.m.)	Deficiency %
400 (100 for colleges having only Architecture programmes)	400	750	Nil

**ii. Books and Journals**

**a) Books**

No. of existing UG programmes  $N_1 = 4$   
 No. of existing PG programmes  $N_2 = NIL$

	Science & Humanities	Engg. / Tech., Arch. & Plan., Management and Computer applications				Total no. of volumes ( $M_1 + M_2 + M_3$ )	
	No. of volumes ( $M_1$ )	No. of titles (T)	No. of volumes ( $M_2$ )				No. of volumes added for the year 2011-12 ( $M_3$ )
			If the year of establishment of the college is				
			2010-11	2009-10	2008-09 and earlier		
Required	1000	$250N_1 + 150N_2 = 1000$	$4T = 4000$	$4T + 1000 = 5000$	$4T + 2000 = 6000$	1000	17000
Available	6184	3722	23506			1203	30843
Deficiency %	NIL	NIL	NIL	NIL	NIL	NIL	NIL

**b) Journals**

Sl. No.	Degree	Programme	National journal			International journal		
			R (Refer norms)	A	% D	R (Refer norms)	A	% D
1	B.E	<i>ECE</i>	6	6	Nil	6	6	Nil
2	B.E	<i>CSE</i>	6	6	Nil	6	6	Nil
3	B.Tech	<i>IT</i>	6	6	Nil	6	6	Nil
4	B.E	<i>EEE</i>	6	6	Nil	6	6	Nil

**Norms:**

Sl. No.	Programmes	Technology Journals	
		National	International
1.	B.E. / B.Tech.	6	6
2.	M.E. / M.Tech.	-	1
3.	Arch.	5	5
4.	M.B.A.	15	15
5.	M.C.A.	6	6

**19. Class Rooms**

**Norms for Class Room Capacity**

<b>Area (sq.m)</b>	<b>Capacity</b>
66	60

**i. Class Rooms available in the whole college**

Sl. No.	Area (length x width) in square metre	Number of rooms	Type of roof (RCC/asbestos)	Capacity (for calculation, refer norms given above)
1	class rooms are available with the total size is (12 L X 7.5W=90) sq.m.	28	RCC	2520
2	Tutorial rooms are available with the total size is (8 L X 7.5W=60) sq.m.	8	RCC	480
Total		36		3000

ii. Summary

Sl. No.	Required	Available	Deficiency %
1	[Total class room capacity required for the college (C) = 0.75 x total sanctioned intake in all the years for all the programmes] =1170	2520	Nil
2	Number of Class rooms required for the college = C/60 = 20	28	Nil

20. Drawing Halls

i. Number of drawing halls required

**Norm**

- Number of drawing halls required for B.E. / B.Tech programmes = [Total sanctioned intake for the college / 240]
- Number of studios required for B.Arch programme is 5.
- Number of conference rooms required for M.B.A. programme is 3.

Sl. No.	Programmes	Number of drawing halls required (Total sanctioned intake for the college / 240)	Number available	Deficiency %
1	B.E./B.Tech	390/240=1.6	2	NIL

ii. Area of the drawing hall

**Norm**

**Programme**                      **Area required for each drawing hall**

1. B.E./B.Tech                      175 sq.m.
2. B.Arch.                              200 sq.m.
3. M.B.A.                                50 sq.m.

Sl. No.	Programmes	Area of the each drawing hall required (sq.m.)	Area of the drawing hall available (sq.m.)	Deficiency %
1	All UG Programmes	175 sqm	300 sq.m.	NIL

21. Other building space

Annexure Enclosed

22. Hostels

Annexure Enclosed

**23. Physical Education**

Sl. No.	Description	Details
1	Total area of the play ground	5 acres
2	Details of the outdoor games available	1. Foot Ball
		2. Cricket
		3. Volley Ball
		4. Ball Badminton
3	Details of the Indoor games available	1. Chess
		2. Carrom
		3. Table Tennis
		4. Shuttle Cock
4	Details of gymnasium available	1. Tread Mill
5	Fund allotted to Physical Education	YES

**24. Training and Placement Cell**

**i. Details of the staff**

Sl. No.	Name	Designation	Department
1	Mr. N.Shanmuga Sundaram	Assistant Professor	EEE
2	Mr. Senthamil Selvan	Lecturer	ECE

**ii. Facilities available**

Sl. No.	Item	Available (Y/N)
1	Conference hall	Y
2	Interview room	Y
3	OHP	Y
4	LCD projector	Y
5	Audio visual facilities	Y

**25. Alumni Association**

Is alumni association functioning in the college? YES

**26. Other amenities****i. Health Centre**

Sl. No.	Name of the staff	Designation	Qualification	Specialization	Experience
1	Dr. R.Srinivasan	Doctor	M.B.B.S	General Physician	10
2	Dr. Venkataraghavulu	Doctor	R.M.P	Homeopathy	20

**ii. Others**

Sl. No.	Amenity	Available (Y/N)
1.	Vehicle parking stand	Y
2.	Transport facilities for staff and students	Y
3.	Bank /Extension counter facility	N
4.	Telephone facility	Y
5.	Drinking water facility	Y
6.	Generator (min. 25 KVA)	Y

**27. Registers and Records**

<b>Sl. No.</b>	<b>Name of Register / Record</b>	<b>Is it maintained? (Y / N)</b>
1.	Department wise faculty profile	Y
2.	Department wise Non-Teaching Staff Profile	Y
3.	Register of attendance and assessment record (programme wise)	Y
4.	Attendance for teaching and non-teaching staff	Y
5.	Advertisement for recruitment of faculty members	Y
6.	Minutes of the meeting of Staff Selection Committee	Y
7.	Appointment / offer letters issued to faculty members	Y
8.	Joining report of staff members	Y
9.	Record of students (programme wise)	Y
10.	Academic performance record of students (programme wise)	Y
11.	Record of student projects (UG, PG & PhD)	Y
12.	Register of attendance and assessment record (programme wise)	Y
13.	Record of scholarships / fellowships / financial assistance for students	Y
14.	Book of Transfer certificate (including counterfoils)	Y
15.	Copy of Regulations, curriculum and syllabi (programme wise)	Y
16.	Record of Research / Consultancy / Extension activities (Department wise)	Y
17.	Record of Achievements, Award and Recognition (Department wise)	Y
18.	Master time table and Academic calendar	Y
19.	Accession register for library	Y
20.	Stock register for equipment	Y
21.	Stock register for consumable	Y
22.	Stock register for furniture	Y
23.	Stock register for tools and plants	Y
24.	Minutes of the meetings of the Governing council of the college	Y
25.	Minutes of the meeting of the Planning and Monitoring Board	Y
26.	Minutes of the meetings of the Registered Society / Trust of the college	Y
27.	Year-wise audited statement of accounts of the college and also in the format specified by the University	Y
28.	Cash book of the college	Y
29.	Acquittance register	Y
30.	Fee receipt books (including counterfoils)	Y
31.	Funds position / bank certificates / FDR copies to indicate financial stability	Y

## 28. Certificates

The **originals** of the following are to be produced for verification at the time of inspection to the inspection committee members (**copies need not be enclosed along with application**)

Sl. No.	Certificate	Available (Y / N)
1.	Village field map / Field measurement book sketch	Y
2.	College site map / plan.	Y
3.	Existing building plan.	Y
4.	Building sketch [details of Rooms, Laboratories, Stores, Library etc. for all the floors]	Y
5.	Building plan proposed.	Y
6.	Irrevocable Trust Registration Deed.	Y
7.	Documentary proof for ownership of lands exclusively earmarked for the College.	Y
8.	Legal opinion from not below the rank of the Govt. pleader on the ownership of land and extent of coverage.	Y
9.	Land use Certificate from an appropriate authority (RDO) and Land conversion certificate from the Directorate of Town & Country planning.	Y
10.	# Certificate under Section 37 (B) of Tamil Nadu Land Reforms (Land fixation and Ceiling) Act, 1961.	N
11.	# State Government permission for starting the College.	Y
12.	AICTE approval for the programme(s) (copy to be enclosed).	Y
13.	Documents showing the financial viability of the college [details of financial budgeted revenue and expenses statements (Current year)].	Y
14.	Composition of the Governing council.	Y
15.	Master Time – Table for all courses and all sections with classroom arrangements.	Y
16.	Audited statement of accounts of the college for the past three years.	Y
17.	Certificates for fire/boiler/electrical safety from competent authorities.	Y
18.	Certificate from Health Inspector.	Y
19.	Certificate from PWD Superintendent Engineer for the structural stability of the building	Y
20.	Building and equipment insurance certificate.	Y

# The application for affiliation will be considered without prejudice to the right of the University requiring the production of certificate under Section 37B of Tamil Nadu Land Reforms (LC) Act 1961 and the permission of the Government to establish the college required, subject to the verdicts of the Hon'ble High Court of Madras.

## 29. Inspection fee

Details of Inspection fee remitted: (The D.D. has to be enclosed with the application)

Sl. No.	Programmes for which affiliation is sought for the year 2011-12	Inspection fee per programme	Number of programme(s)	Total Amount (Rs)
1.	Inspection fee for each additional academic programme	Rs. 25,000/-	--	25,000
2.	Inspection fee for each of the already affiliated programme with increase in intake	Rs. 25,000/-	--	--
3.	Inspection fee for each of the already existing programme with existing / reduction in intake	Rs. 12,500/-	4	50,000
4.	Inspection fee for permanent affiliation for each of the already affiliated programme with existing / reduction / increase in intake	Rs. 25,000/-	--	--
Grand Total				75,000
<p>D.D. No.: ___010577_&amp;_010603___ Date: ___20.01.2011_ &amp; 21.01.2011___</p> <p>Name of the Bank &amp; Branch: ___Axis Bank Ltd., Thiruvallur___</p> <p><i>(The D.D. to be drawn in favour of 'The Director, Centre for Affiliation, Anna University of Technology Chennai, Chennai – 600 113)</i></p>				

**30. Endorsement of the Principal**

I, **Dr.S.NEDUNCHELIYAN** son of Thiru. SUBBU.K on behalf of the **BHAJARANG ENGINEERING COLLEGE** hereby declare that the particulars furnished in the application are correct to the best of my knowledge.

**Principal**  
**(Dr.S.NEDUNCHELIYAN)**

Seal

Place: Veppampattu

Date:21.01.2011

### **31. Declaration by the Management**

I, Thiru **Dr. M.G. BASKARAN** son of Thiru **M. GOVINDARAJULU** on behalf of the trust, viz., **BHAJARANG EDUCATIONAL AND SOCIAL TRUST** hereby declare that the particulars furnished in the application are correct to the best of my knowledge. No programme(s) will be started without the prior approval of the AICTE and the grant of affiliation by the Anna University of Technology Chennai for the academic year concerned and all the original documents related to the particulars given in the application will be produced at the time of inspection and whenever called for.

**Chairman**  
**(Dr. M.G. BASKARAN)**

Seal

Place: Veppampattu

Date:21.01.2011

## ANNEXURE I

(Refer Item 14(ii) of the Application for Affiliation)

**FACULTY REQUIREMENT FOR A GIVEN TOTAL SANCTIONED STRENGTH (S) FOR ALL  
ACADEMIC PROGRAMMES EXCEPT FOR B.ARCH. PROGRAMMES**

Total sanctioned strength (S)	No. of faculty members required (R)			
	Professor	Asst. Prof.	Lecturer	Total
30	1/0	1/2	2	4
45	1/0	1/2	2	4
60	1/0	1/2	2	4
75	1/0	1/2	3	5
90	1	1	4	6
105	1	1	5	7
120	1	1	6	8
135	1	2	6	9
150	1	2	7	10
165	1	2	8	11
180	1	2	9	12
195	1	2	10	13
210	1	3	10	14
225	1	3	11	15
240	1	3	12	16
255	1	3	13	17
270	2	4	12	18
285	2	4	13	19
300	2	4	14	20
315	2	4	15	21
330	2	4	16	22
345	2	5	16	23
360	2	5	17	24
375	2	5	18	25
390	2	5	19	26
405	3	6	18	27
420	3	6	19	28
435	3	6	20	29
450	3	6	21	30
465	3	6	22	31
480	3	7	22	32
495	3	7	23	33

Total sanctioned strength (S)	No. of faculty members required (R)			
	Professor	Asst. Prof.	Lecturer	Total
510	3	7	24	34
525	3	7	25	35
540	4	8	24	36
555	4	8	25	37
570	4	8	26	38
585	4	8	27	39
600	4	8	28	40
615	4	9	28	41
630	4	9	29	42
645	4	9	30	43
660	4	9	31	44
675	5	10	30	45
690	5	10	31	46
705	5	10	32	47
720	5	10	33	48
735	5	10	34	49
750	5	11	34	50
765	5	11	35	51
780	5	11	36	52
795	5	11	37	53
810	6	12	36	54
825	6	12	37	55
840	6	12	38	56
855	6	12	39	57
870	6	12	40	58
885	6	13	40	59
900	6	13	41	60
915	6	13	42	61
930	6	13	43	62
945	7	14	42	63
960	7	14	43	64
975	7	14	44	65
990	7	14	45	66
1005	7	14	46	67

## ANNEXURE II

(Refer Item 14(ii) of the Application for Affiliation)

### FACULTY REQUIREMENT FOR A GIVEN TOTAL SANCTIONED STRENGTH (S) FOR B.ARCH. PROGRAMMES

Total sanctioned strength (S)	No. of faculty members required (R)			
	Professor	Asst. Prof.	Lecturer	Total
20	1/0	0/1	3	4
30	1/0	1/2	2	4
40	1/0	1/2	2	4
50	1/0	1/2	3	5
60	1/0	1/2	4	6
70	1/0	1/2	5	7
80	1/0	1/2	6	8
90	1	2	6	9
100	1	2	7	10
110	1	2	8	11
120	1	2	9	12
130	1	2	10	13
140	1	3	10	14
150	1	3	11	15
160	1	3	12	16
170	1	3	13	17
180	2	4	12	18
190	2	4	13	19
200	2	4	14	20

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