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**APPLICATION FOR
INTRODUCTION OF ADDITIONAL COURSE (S) – PG (ECE)
AND/OR INCREASE / VARIATION IN INTAKE
AND/OR ADMISSION OF FOREIGN NATIONALS / PIO
FOR THE ACADEMIC YEAR 2006 – 2007
(To be submitted along with Compliance Report
and Mandatory Disclosure)**

FOR

**Under Graduate & Post Graduate level courses in
Engineering & Technology /
Pharmacy / Architecture / Town Planning /
Hotel Management & Catering Technology /
Applied Arts & Crafts and
MBA / PGDM & MCA**



**All India Council for Technical Education
Indira Gandhi Sports Complex, Indraprastha Estate New Delhi- 110 002
PHONE: 23392563/64/65/68/71/73/74/75
FAX: 011-23392554
Web site: www.aicte.ernet.in**

APPLICATION FORM

APPLICATION FORM FOR THE INTRODUCTION OF ADDITIONAL COURSE(S) (AT UNDER GRADUATE LEVEL AND POST GRADUATE LEVEL i.e. M.E./ M.TECH./ M. PHARM ETC. AND/OR INCREASE / VARIATION IN INTAKE AND/OR ADMISSION OF FOREIGN NATIONALS / PERSONS OF INDIAN ORIGIN (PIO's) IN THE EXISTING INSTITUTIONS

1. Name and Address of the Institution

Name of Institution	B. P. Poddar Institute of Management & Technology		
Address	137, VIP Road, (Kazi Nazrul Islam Avenue),		
	Kolkata		
Village	NA		
Taluk	NA		
District	Kolkata		
Pin	700 052		
State	West Bengal		
STD Code	(033)	Phone No: 2573 9607/08/09/10	
Fax No.	2573 9401	E-Mail: info@bppimt.ac.in	Website: www. bppimt.ac.in
Nearest Rly Station	Bidhannagar	Distance in (Kms)	05 Kilometres
Nearest Airport	Netaji Subhas International Airport	Distance in (Kms)	1.5 Kilometres

2. Details of the existing & proposed course(s) for the year 2006-2007.

i) Proposed Increase / Variation in intake requested in the existing approved course(s)

S.No.	Courses	Existing Approved Intake	Additional Intake requested	Total Intake	AICTE Accreditation Status
UG	NIL	NIL	NIL	NIL	Yet to be accredited
PG	NIL	NIL	NIL	NIL	
TOTAL				NIL	

ii) Additional Course(s) proposed to be introduced during academic year 2006-2007

S.No.	Courses	Degree	Proposed Annual Intake
UG	NIL	NIL	NIL
PG	Electronics & Communication Engineering	2 years Master of Technology (M. Tech.)	20
TOTAL			20

3. Details of the additional faculty appointed or identified for the proposed Increase in Intake / Additional Courses. Enclosed herewith Annexure - I

Name of the Programme	S. No.	Name (s) of the Teaching Faculty	Designation of Lecturer/ Asst. Professor/ Professor	Qualifications with field of specialization			Date of Birth	Experience a) Teaching b) Industry c) Research			Identified / Appointed (Date of Joining the Institution)	Gross total salary & Present basic / pay scales & date from which implemented.
				UG	PG	Doctorate		A	B	C		
M. Tech. in Electronics & Communication Engineering	1.	Mr. Amit Dutta	Professor	—	M. Tech (E & CE).	Ph. D	04.10.1961.	05	—	10	Identified Expected On 08.3.2006.	Rs. 27,488/- Rs. 16,400/- Rs. 16,400 – 450 – 22,400 08.3.2006.
M. Tech. in Electronics & Communication Engineering	2	Mr Gautam Lohar	Assistant Professor	—	M. Tech., MS	—	10.10.1961.	08	05	—	Identified Expected on 08.3.2006.	Rs. 21,220/- Rs. 12,000/- Rs. 12,000 – 420- 18,300 08.3.2006.
M. Tech. in Electronics & Communication Engineering	3	Ms. Monali Poddar	Lecturer	—	M. Sc., M. Tech SLE T	—	28.11.1969.	03	—	—	Identified Expected on 08.3.2006.	Rs. 14,180/- Rs. 8,000/- Rs. 8,000 – 275 – 13,500 08.3.2006.
M. Tech. in Electronics & Communication Engineering	4	Ms. Anamika Basu (Das)	Lecturer	—	M.Sc M. Tech	—	07.10.1979.	1½	—	—	Identified Expected on 07.3.2006.	Rs. 14,180/- Rs. 8,000/- Rs. 8,000 – 275 – 13,500 07.3.2006.

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4. Details of Laboratory & Workshop facilities for the Proposed Additional Course(s) / Increase in intake

S. No.	Name of the Laboratory / Workshop, if required	Additional Carpet Area available (Sq. M.)
1.	Telecommunication System Engineering Lab.	100
2.	Design and Simulation Lab.	100
3.	RF and Microwave Circuits Lab.	100
4.	Antenna Lab.	100

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5. Details of Computer Facilities for the Proposed Additional Course(s) / Increase in intake

S. No.	Particulars	Availability	
1.	Additional No. of Computer Terminals	10	
2.	Hardware Specification	P-IV / Latest Configuration	P-IV
		P-III	NIL
		Others	Application and System Software available as per norms
3.	Additional No. of Terminals on LAN / WAN	10	
4.	Additional Printers	02	

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6. Details of the Library facilities for the proposed increase in intake / additional courses:

S.No	Course(s)	Number of titles of the books		Number of volumes		Number of Journals			
		Required	Available	Required	Available	National		International	
						Required	Available	Required	Available
1.	Electronics & Communication Engineering (PG)	100	100	500	500	The institute has already enrolled as a member of the INDEST-AICTE Consortium for consortia based subscriptions to electronics resources			
		100	100	500	500				
		100	100	500	500				

7. Details of facilities for admission of Foreign Nationals under PIO category (if applicable): NA

Hostel facility (details)	
Teacher to student ratio	
Availability of Digital library.	
Availability of approach road, environment and generators.	
Whether the institution has been placed under no admission or reduced intake category in the last three years.	
Whether the institution is functioning at least for a period	

of five years after AICTE approval.	
Academic performance of the final year students in the past two years (the pass % of students should not be less than 75% for the last two years).	
Details of Plinth Area of the Institution (Plinth Area should not be less than 12.5 sqms per student excluding hostel and residential areas.	

Declaration:

It is certified that:

- a) Existing Courses are being conducted as per norms, standards and guidelines of the AICTE.
- b) All the physical deficiencies stated in the last approval letter have been complied with.
- c) The AICTE pay scales are being paid to the faculty members.
- d) The admissions are made on merit and no capitation fee or donation of any kind is charged for admission.
- e) The teaching faculty has been recruited as per qualifications and experience laid down by AICTE.
- f) The tuition and the other fees are being charged as prescribed by the Competent Authority.
- g) No new course has been started (since the last approval by AICTE) without prior approval of AICTE.
- h) The institution is not running any courses not approved by AICTE in the premises of the AICTE approved institution.
- h) The intake in any of the AICTE approved course has not been increased beyond the sanctioned intake, without prior approval of AICTE.

I/We solemnly declare that no information has been withheld and all the information provided in this application form is correct. If any information is found to be incorrect or false, I/We understand that proposal shall be liable for rejection.

(As it is a Computer generated information, no signature is required)

Prof. (Dr.) Subhas Chandra Chakravartty

Date: 17.3.2006.

Name and Signature of the Authorised Signatory of the Institution with seal

Place: Kolkata

Note: The applicant is required to submit the relevant documentary evidence in support of the various additional facilities and faculty appointed / identified for the proposed additional courses / increase / variation in intake as per the annexure enclosed.

List of annexure to be submitted along with the application form for proposed additional courses / increase / variation in intake.

- a. Faculty and Staff additionally recruited for the proposed additional courses / increase / variation in intake.
- Copies of appointment letters of the Faculty Members and other Staff of the Institution along with the terms and conditions of appointment, joining letters and biodata's, selection committee minutes.
- b. Proof of creation of Built-up space created for the proposed additional courses / increase / variation in intake (Photographs, certificate of Architect, undertaking, approved building plan etc.).
- c. Proof of additional Library, Computers, Laboratory facilities created for the proposed additional courses / increase / variation in intake (Photographs, Receipts, undertaking etc.).
- d. Detailed Project Report (DPR).

DETAILED PROJECT REPORT (DPR)

FOR

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**INTRODUCTION OF ADDITIONAL COURSE(S) AND/OR INCREASE / VARIATION IN INTAKE
AND/OR ADMISSION OF FOREIGN NATIONALS / PIO FOR THE ACADEMIC YEAR 2006-
2007**

CHAPTER - I

PREAMBLE

B. P. Poddar Institute of Management & Technology was established under the aegis of B P Poddar Foundation of Education, with the noble vision of imparting enriched quality of technical education, situated at the prime location of Kolkata, B. P. Poddar Institute of Management & Technology takes pride in being one of the leading Institutes of Technology in West Bengal. The Institute is affiliated to the West Bengal University of Technology (WBUT) and has a vast pool of renowned professionals from both academic and industrial fields. The college has been successfully exploring the necessity and scope for developing Engineering and Technology Schools in West Bengal.

With the recent stance adopted by the State Government and the setting up of industries, especially the influx of BPO industries, the state is in the throes of rapid development and so is our vision and dream. We wish to fulfill the cry for the hour. The Technology boom calls for the professionals sound in Technology and Management. We intend to fulfill this demand with our striving effort to introduce additional courses as well as incorporate some variations. As such we propose to introduce some courses in addition to the existing ones. The persistent demands of the students to pursue B.Tech and M.Tech envisage us to perceive the social need. The increase of the number of intake of students is quite relevant as globalization and steady growth in the field of Technology emphasize the fact that man power and competent professionals are ever in demand.

The management of the Institute along with its supporting staff prepared the Detailed Project Report (DPR). No outside consultant has been appointed for this purpose.

CHAPTER - II

THE PROMOTING BODY

The Institute is a leading concern of B. P. Poddar foundation for Education, a trust dedicated to enriching the quality of technical education in the country. The Institute was set up as a tribute to the memory of Late Badri Prasad Poddar, philanthropist and educationist and the founder of the B. P. Poddar Group. It is an entrepreneurial group with a strong financial and managerial foundation in various business segments. The strength of the group lies in its highly successful track record in diverse businesses. The Group's interests lie in healthcare, education, housing and servicing sector.

B. P. Poddar Hospital is a renowned health care centre situated at New Alipore, Kolkata, spreading over 1,40,000 sq. ft. It caters to need of the ailing patients with a healing touch.

Our mission is to create an environment conducive to attaining professional competence in the chosen field. We vow to provide specialized and quality education. Our effort is to develop need based human resources while fostering in the students, staff and community a sense of commitment to academic, professional and social development.

Our vision is to attain excellence that would make our Institute a trend setting Institute.

CHAPTER – III

OBJECTIVES AND SCOPE OF THE PROPOSED PROGRAMME

The Institute renders its services catering to the demands of the social milieu. The objective of the Institute is to provide professionals with expertise and required skill. The ever increasing growth of industry and economy calls for increased number of competent and skilled manpower. The Institute's objective is to nurture the budding professionals in the field of Technology. The objective of the Institute focuses on the enhancement of leadership ability of the students, thereby grooming them up for successful entrepreneurship.

West Bengal has already taken a noticeable leap in Information Technology with 5% of the total exports of Software from India. The state already ahead in traditional industries like jute and engineering will be able to reap its advantage if Engineering Colleges are extended the facilities to generate manpower with skilled knowledge in Technology.

West Bengal has taken a pledge to increase this number to 15% by 2010. A number of IT parks in and around Kolkata have already come up with this end in view and some of them will come up within a year. IT and ITES require a huge qualified manpower for which quality education is a mandatory to cater to requirements of these Industries. Not only CSE and ECE, but M.Tech in CSE and ECE are also in high demand. Moreover with the automation of process industries, instrumentation engineers are required in large number, but till date only a few are being produced by Government Colleges. Many industries have taken an initiative to forge a research alliance with academic institutions which will not only enrich the faculties associated, but also the students who will get a hands-on taste of the cutting edge technologies in IT and Electronics.

All the students admitted in this Institute qualify the entrance examination conducted by the West Bengal Board of Joint Entrance Examination, after the successful Completion of 10+2 examination with Physics, Chemistry and Mathematics. In 2005 around 28,000 students passed the JEE. Among these, students ranking between 2500 and 4500 have taken admission in the four streams of Engineering, and for Master of Computer Application (MCA), students are admitted on the basis of their performance in JECA.

The Institute adheres to the rules and norms of AICTE for the selection procedure of technical manpower.

The existing numbers of seats available in Computer Science & Engineering (CSE), Electronics & Communication Engineering (ECE) are 60 and 60 respectively. The Institute proposes additional intake of 60 students each in the Computer Science & Engineering (CSE) and Electronics & Communication Engineering (ECE). It also proposes to offer M. Tech in Computer Science & engineering (CSE) and Electronics & Communication Engineering (ECE), comprising of 20 students each. The Institute equipped

with modern Classrooms and Hi-tech Laboratories, E-library with photocopying facility, staff & student Canteen & Common Room, two modern Seminar Halls, provision to Hostel Accommodation, state of the art Computer, Electronics & Communication and Electrical Laboratories, is already on the edge to tie-up with industries & other renowned academic Institutes in different emerging technological areas and thus can add value to the industry as well as to the society.

CHAPTER - IV

ACADEMIC PROGRAMMES

The Institute provides a rigorous and motivational learning environment that encourages both personal and professional growth of the students.

Our programme is shaped by faculty members and eminent advisors from industries and other renowned academic Institutes whose ideas influence business leaders and is enriched by students whose intelligence and professional achievements create an inaugurating environment. The core content of our course is revised constantly to reflect changes both in the professional world and in academic research. We have nurtured a tradition of teamwork and cooperation that is balanced with academic competition and encourages sharing of ideas among students.

The result is a unique place for learning for serious academic education and for building relationships that you will value for the rest of your life.

The Institute is offering B.Tech & MCA programmes. B.Tech is offered in CSE, ECE, EE and IT. The existing intake capacity of each of the streams is 60 students. The intake capacity of the MCA Programme is 40 students. The academic programme commences as per the guidelines of the affiliating authority i.e. the West Bengal University of Technology (WBUT).

The Institute has a state of the art computing infrastructure. It comprises of 313 computer terminals, P3 and P4 hardware specified computers, 16 printers, legal software (as per the norms of AICTE), 258 LAN terminals, 24 hours 512 kbps internet facilities etc.

The central library is equipped with 4000 titles, 30 national and 18 international journals. All the library documentation is managed by Bibliosis Software.

The Institute has a modern Machine Shop equipped with 2 lathe, 2 shaping machines, 2 drilling machines, 1 milling machine, 2 grinding machine, advanced welding facility and state of the art carpentry and fitting shop, as per the AICTE requirements.

The Institute has Uninterrupted Power Supply (UPS) & central Air Conditioning facility along with the availability of 250 computers in a single floor.

All the programmes running in the Institute are affiliated under West Bengal University of Technology (WBUT). Scholarships in the form of full-free & half-free ships are granted to the poor but meritorious students.

CHAPTER - V

SALIENT FEATURES OF ACADEMIC DIVISIONS

The Institute proposes for an additional intake of students in the following departments:

Computer Science & Engineering (CSE)	:	60
Electronics & Communication Engineering (ECE)	:	60

The Institute also proposes to offer M. Tech in Computer Science & Engineering (CSE) and Electronics & Communication Engineering (ECE) where it would keep provision for 20 students each.

Our infrastructure and the existing facilities prompt us for the desired scheme. In this context we need to mention that we have the Computing facilities to cater to the need of the students. We also process the state of the art Electronics and Communication Laboratories which are well equipped and comprise all the accessories that are required for the Lab. We also take the pride in declaring that we are in the possession of E-library. With the above mentioned infrastructure and paraphernalia we feel that we are in a position for the additional intake of the students in the existing departments and opening two new departments.

We have adequate number of academicians and advisors who are highly qualified and well experienced from reputed Universities and esteemed Institutions, such as, JU, Bengal Engineering College, the IITs visiting regularly and grooming the students. Their fruitful advice and counselling are a boon to the students and the Institute.

The objective of the proposed scheme emphasizes on the social needs. The Institute cherishes the noble desire to fulfill the need of the state and the country. The Institute dreams of generating students who would be equipped with skill and technique, so that their resourceful knowledge and skill will render them the leading ability among all across the country as well as the globe.

We adhere to the details of the Curriculum laid down by the West Bengal University of Technology (WBUT). In addition to it we hold seminars, conferences and workshops in emerging areas frequently for the benefit of the students as well as the teachers. We arrange to send our students to take part in the workshops and the exchange programmes in esteemed Institutes quite frequently. They receive encouragement and inspiration from the Institute to participate in such seminars.

For the additional intake of the students according to the proposed scheme, we are guided by the AICTE norms. We strictly observe the student - faculty ratio i.e. 15 : 1 and also the student - technical assistants ratio is 25 : 1. For the proposed additional intake in Computer Science & Engineering (CSE), we need one Professor, two Asst. Professors, thirteen Lecturers and other staff including Technical Assistants. The same number of faculties and staff is required for the proposed additional intake in Electronics & Communication Engineering (ECE). To offer the proposed programme i.e M. Tech in Computer Science &

Engineering (CSE) and Electronics & Communication Engineering (ECE), we require one Professor, three Asst. Professors, four Lecturers and the required supporting staff for each programme. The recruitment process is going on. Our existing infrastructure is in tune with the norms and requirements of AICTE. We already have twelve class rooms for the proposed programmes. The space allotted for each class room is 66 square meters. Our faculty room is a spacious one duly constructed on 150 square meters. As well as our departmental office is built on 200 square meters.

CHAPTER - VI

QUALITY AND HUMAN RESOURCE DEVELOPMENT

The Institute inculcates high moral and ethical values among the students. We have firm conviction that acquisition of theoretical knowledge is not enough. The students are endowed with proper ethics and principles through the various channels of extra-curricular activities that help them to develop their personality and sense of discretion. This in turn helps them to become the ideal professional, who render their services to the industries by their knowledge, skill, competence and proper sense of values.

The Institute observes rules and regulations according to the injunctions of the AICTE. The entry grade for a Lecturer is Rs. 8000-275-13500 and Lecturer (Senior Scale) is Rs. 10000-325-15200 Lecturer (Selection Grade) is Rs. 12000-375-18000. The Assistant Professor gets Rs. 12000-375-18000. The Professor receives Rs. 16400-450-20500-500-22400.

In addition to the consideration of grades offered to the faculties, the Institute also offers DA, HRA and Medical Allowances and also retirement benefits such as Gratuity, EPF, leave encashment, etc.

In addition to the above, the Institute provides the faculties with Travel Allowance, Registration fees etc. for attending and participating in seminars, conferences and workshops. The Institute provides expenditures of travel allowance and sponsors the programmes to those participating in the international seminars and conferences.

The policies for promotion are also governed by the norms of AICTE. Lecturers are made Senior Lecturers after completion of four years of permanent service, having Ph.D. Lecturers having M.Phil/M.E/M.Tech are made Senior Lecturers after five years. Lecturers with B.E, B.Tech and others made Senior Lecturers after six years. An Assistant Professor becomes Professor after eight years of service in the earlier scale.

The Institute offers opportunities to the teachers for pursuing Research (Ph.D) and Post Doctoral studies. Adequate facilities are extended to the teachers for updating themselves with relevant information pertaining to the subject matter. Internet facilities and well equipped library with latest books are there to provide them with required information.

All our faculties hold permanent places. Apart from that, eminent Professors and Lecturers are invited from IITs, NITs, JU, Bengal Engineering and Science University and other renowned Institutes to deliver lectures. The advisors from such Institutes and different related industries are invited for their valuable advices, suggestions to upgrade the existing scenario and make presentations at the cost of the Institute. Their valuable suggestions have given our students the cutting edge over others. The placement of the

college is showing true evidence of the fact.

We stress on total quality management. The Management, the Faculties, the Technical Assistants and the support Staff render their utmost to fulfill the need of the students. The Institute aims at producing students who will serve the society in the most qualified way. Our records are proven tracks of our achievement. The reflection is manifested both in the placement as well as in the brilliant performances of the students in the academic and research fields.

CHAPTER – VII

LINKAGES IN TECHNICAL EDUCATION

Regular workshops are organized in the Institute where speakers from different industries, eminent lecturers from renowned Universities and Institutes are invited. Moreover, the students are sent to different industries for vocational training during their pre-final year. People from industries are also invited on regular basis to impart quality training on softskills, assessment interviews, group discussions, practical workshops for the students in student-industry interactive sessions.

The Faculties are encouraged and given incentives for attending workshops on FDP at IITs and other academic institutes such as Bengal Engineering College, JU from time to time and many of our faculty members have attended and have been benefited from this type of programmes.

The Institute has taken an initiative to tie-up with Imperial College of Science and Technology (UK) to enhance its academic excellence in different fields as well as during introduction of new departments. Preparation is under way to forge this alliance. Not only that, some foreign Universities namely, Wolverhampton University of U.K. are visiting the Institute from time to time. Such activities has given us the vision and thought to be global in the future.

Our Institute is trying to develop laboratories which will act as a center of excellence in collaboration with Computer and other laboratories of JU, PDSIT, BESU and IIT KGP and it is going to be implemented within a short span of time.

CHAPTER – VIII

GOVERNANCE AND ACADEMIC AND ADMINISTRATIVE MANAGEMENT

B. P. Poddar Foundation for education has a strong academic vision. The Board of Governors along with its strong and dedicated administration governs the Institute. The Board of Governors comprising of :

Sri Arun Poddar

Chairman, Poddar Projects Ltd.

Justice Manoj Kr. Mukherjee

Member, former Judge, Supreme Court of India

Prof. G. S. Sanyal

Member, Honorary Advisor,
Vinod Gupta School of Management,
Indian Institute of Technology, Kharagpur

Sri Satish Kr. Jhunjhunwala

Member, Industrialist

Dr. Subir Chowdhury

Member, Trustee & Director,
B. P. Poddar Institute of Management & Technology

Prof. Mrityunjoy Bhattacharjee

Member, Ex-vice chancellor, WBUT,
Kalinga Institute of Technology (DU), Bhubaneswar

Prof. A. K. Mukhopadhyay

Member, Vice-chancellor,
University of Tripura

Member, Registrar WBUT

Dr. Amalendu Basu

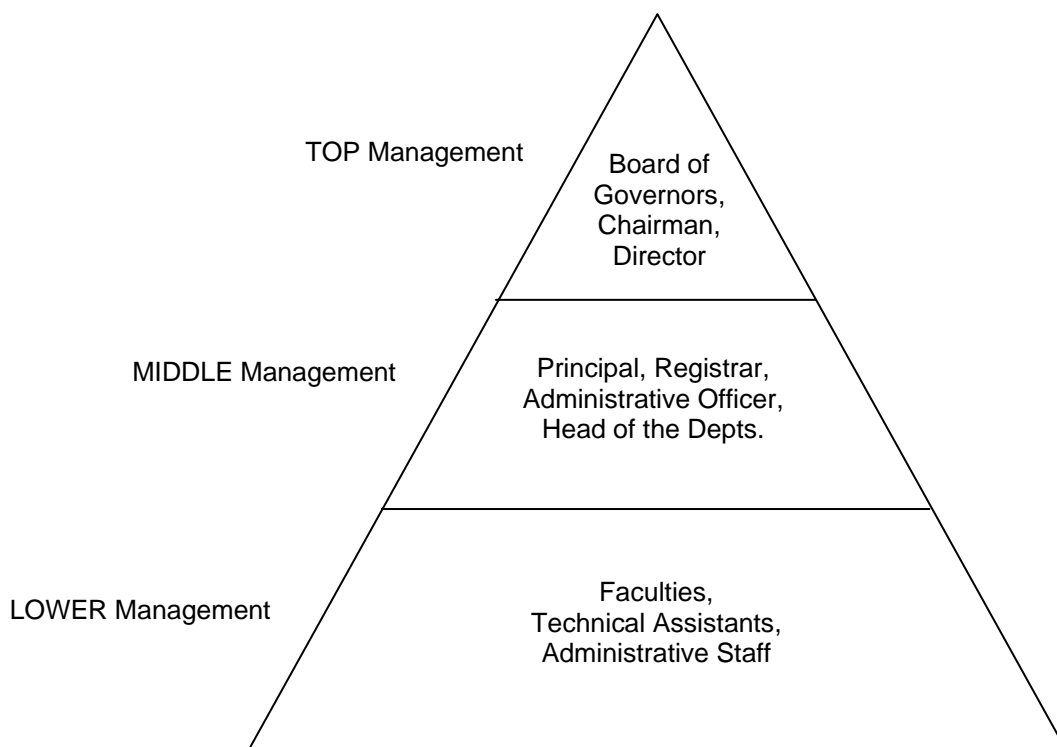
Member, Director of Technical Education,
Govt. of West Bengal

Prof. Subhas Chandra Chakravartty

Member Secretary & Principal,
B. P. Poddar Institute of Management & Technology

The Institute from its inception is committed to impart affordable and quality education to the masses. Education through qualified professionals from industry and academic backgrounds has become mandatory for this Institute in order to cater knowledge on traditional and emerging sciences to the society. Social needs in the form of quality education, is imparted through the competent and qualified Faculty members of the Institute. As a part of it regular workshops and seminars on different relevant and current subjects are organized. The Institute has always stressed on the Industry-Institute partnership for the benefit of the students. It was and it is always the priority of the Institute to bring out the best from the students and the Faculty members. Hence all the deeds incidental or conducive to the attainment of the main object are carried out.

ORGANISATION CHART :



The administrative & financial decisions are taken by the top management and circulated to lower management via middle management for implementation. The academic decisions are taken by the middle management and implemented by the middle and lower management. The management follows a top-down approach where the academic responsibilities are vested on the Principal and the respective HODs. The Director with the help of Registrar and supporting Staff take care of all the administrative and financial duties.

CHAPTER – IX

MASTER PLAN FOR MAIN CAMPUS DEVELOPMENT

Attached in the Annexure. (Hard copy submitted)

CHAPTER – X

REQUIREMENT OF STAFF, SPACE & EQUIPMENT AND THEIR COST

The Institute strictly follows the AICTE norms in all respect.

For the proposed programmes, the Institute requires additional Twenty Six faculty members including four Professors, seven Assistant Professors and fifteen Lecturers. Not only that, eight Technical Assistants and some administrative Staff are required to carry out the additional responsibilities smoothly. The recruitment procedure is in process.

For execution of the proposed programmes conveniently in M.Tech [Electronics & Communication Engineering (ECE)] additional space requirement is 400 Sq. meters.

The total estimated cost for providing the required space would be Rs. 32.28 lakhs. The estimated cost of Computers and other Laboratory equipments would be Rs. 36 lakhs.

The phase wise financial requirement would be Rs. 79.54 lakhs (1st year).

The required fund would be mobilised from the applicant, loan and tuition fees of the students as fixed by the State Committee. It is found that the expenditures for infrastructure development and maintenance, other administrative expenses, salary for faculties and staff, costs related to Faculty Development Programmes, organizing seminars, workshops and conferences are huge in comparison to income inflow in the form of student fees. So a financial grant is sought for.

CHAPTER – XI

ACTION PLAN FOR IMPLEMENTATION

The grant of the proposed scheme will allow us to execute our task expeditiously. As has already been mentioned we are in possession of the required infrastructure. We have the laboratory and computing facilities yet we need to upgrade the infrastructure and accessories to keep pace with the rapid strides of advancement in the world of Technology, which we do. The teachers and the students are well groomed and well informed with the information's infiltrating in the world of knowledge. We regularly monitor the laboratories and the devices used, to keep ourselves updated. We are also preparing instrumental sheets to ease our work and smoothly running the administration.

We religiously follow the syllabi assigned by the West Bengal University of Technology (WBUT). We upgrade our Library with more and more National and International books and journals.

The steady growth of economy and globalization, have ushered in a world of competition. As such we find it enormously difficult task to vie for the converted position. We endeavor in every way to be successful and competent in this competitive era. We require more and more qualified teachers to instruct our students. However, in the emerging scenario, it is found that qualified and experienced faculties in some specialised fields is difficult to rope in. But, keeping with pace of the modern era our need for up gradation of the library, laboratories and the counseling and grooming devices are increasing day-in-day-out. The continuous exploration of these has helped us to achieve our position. And we are determined to accomplish our vision with all the effort required to reach it.

FINANCIAL OUTLAY FOR THE PROPOSED PROGRAMME M.TECH IN ELECTRONICS & COMMUNICATION ENGINEERING (ECE) (FIRST YEAR)

ELEMENTS OF COST	AMOUNT (Rs. In Lakhs)
<u>Infrastructure :</u>	
Preliminary and Pre Operative Expenses	28
Building	16.14
Investment on Equipment / Machinery	16
Investment on Library	06
Investment on Furniture & Accessories	02
Total :	68.14
<u>Administrative :</u>	
Salary of :	
• Faculties	09
• Technical Assistants	1.44
• Administrative Staff	0.96
Total :	11.40

The existing infrastructure is adequate to support the proposed programmes. However, in the changing scenario the Institute is willing to upgrade the existing facilities. The action plan will be carried over in the future.

CHAPTER – XII

**EXECUTIVE SUMMARY OF
THE DETAILED PROJECT REPORT (ENCLOSED)**

12. EXECUTIVE SUMMARY OF THE DETAILED PROJECT REPORT (DPR)

12.1 DETAILS ABOUT THE PROMOTING BODY : TRUST

i) **Name and Address of the Promoting Body :** **B. P. Poddar Foundation for Education**
(Government / University / Trust (✓) / Society) Poddar Court, 9th Floor, 18, Rabindra Sarani,
Kolkata - 700001

ii) **Date of Registration / Establishment of the Promoting Body:** **22.03.1997.**

iii) **Nature of the Promoting Body :** Charitable

Religious	Charitable	Family	Others
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iv) **Activities of the Promoting Body since inception:**

(With special emphasis on Academic, Social & Industrial Activities and details on other institutions run by the Promoting Body)

- (a) To establish support, maintain schools, colleges, technical and / or other educational institutions.
- (b) To carry out research work in the field of education.
- (c) To provide for delivery and holding of lectures, exhibitions, classes and conferences calculated to advance the cause of education whether general, professional or technical.
- (d) To establish and maintain libraries, reading and writing rooms, hostels and other residential places.
- (e) To grant stipends, scholarships, studentships and other allowances to deserving candidates and students.
- (f) To print, publish, sell, purchase and to distribute books, bulletin, periodicals, magazines, booklets, prospectus and circulars etc.
- (g) To provide facilities for residential accommodation and boarding houses for teacher, staffs and other persons engaged for carrying out the objects of the Trust.
- (h) To build and maintain auditorium and/or hall for the advancement of education.
- (i) To do all other acts, deeds and things as are incidental or conducive to the attainment of the main object namely educational purpose.

v) **Constitution of the Promoting Body:** (Hard copy submitted)
(Give details indicating the names)

vi) **Vision of the Promoting Body** (in 50 words)

To develop an institution of excellence for higher education, capable of functioning unfettered by the shackles of caste, creed, political dogmas and religious parochialism, for creation of professionals with high sense of ethical values and commitment to the society, to effectively contribute to and lead in the shaping of the nation.

vii) **Mission of the Promoting Body** (in 100 words)

To impart quality professional / technical education to students, inculcating in them National / Global perspective, leadership attitude, entrepreneurship, co-operative spirit, cultured outlook, ethical values, social responsibilities and healthy habits so as to contribute to the technological, economical and social development of the Region, State and the Country and to create an ambience of Excellence, inspiring Value-Based education, research and development through :

- Creation of conducive learning atmosphere that gives a cutting edge and appropriate technical proficiency to the students for facing future global challenges.
- Inculcation of value – based education through fostering of dedication in staff and motivating students.

- Development of state-of-the-art technologies through research and development and to apply them to social problems.
- Making education responsive to changes.
- Creation of effective interface with industry and community to impart **Quality Education** at par with the best in the country and the World.
- Promoting research activities in the fields of emerging technologies .
- Creating awareness for and transfer of technology to rural mass.
- Strengthening industry – institutional interaction.
- Establishing linkages with national and international institutions of repute.

Thus, developing the Institution as a Centre of Excellence in the area of higher professional / technical education and ultimately attaining autonomous status.

12.2. DETAILS ABOUT THE PROPOSED PROGRAMMES

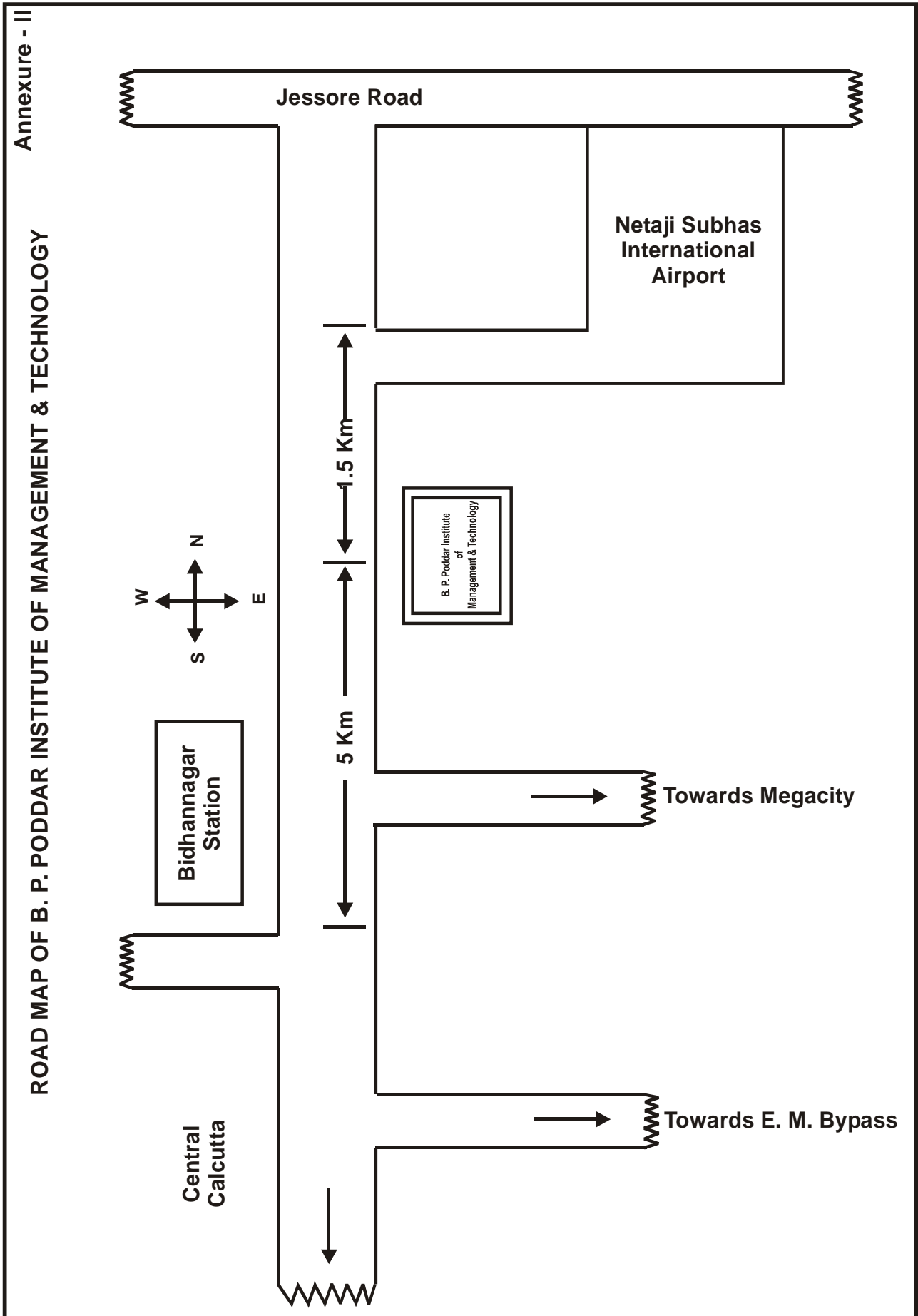
i) **Category of Institution:** Undergraduate / [√] ~~Postgraduate in Engg & Tech. / Pharmacy / Architecture / HMCT / Management / Computer Application~~ (Please strike out whichever is not applicable)

ii) **Name of the Proposed Programme** : **2 years Master of Technology in Electronics & Communication Engineering**

	Courses	Existing Approved Intake	Additional Intake requested
UG	NA	NA	NA
PG	NA	NA	NA

iii) **Address of the Institution** : 137, VIP Road (Kazi Nazrul Islam Avenue), Kolkata – 700 052

iv) **Nearest City / Town / Airport / Railway station**
 (Enclose map indicating access to the institution from the nearest airport / railway station)
 Distance – 1.5 km from the nearest International Airport (Netaji Subhas International Airport)
 - 05 km from the nearest Railway Station



v) **Type of the institution** : Private

Govt.	Univ.	Govt.Aided	Private
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(in case of aided, mention the percentage of aid from the Government)

vi) **Name of the affiliating University** : **West Bengal University of Technology**
BF-142, Sector – I, Salt Lake
Kolkata – 700 064

vi) **Justification for starting the proposed programme**

(a) Details of the total sanctioned intake in the subject areas in the State in which the Proposed programme is to be started and number of vacant seats during the last 3 years.

Detailed informations for starting the proposed post graduate programmes during the last three (03) years total sanctioned intake in the subject and number of vacant seats are enumerated below :

Year	College/Univ.	Existing Post Graduate Prog.	Courses	Existing sanctioned Intake	Number of students available
2003-2004	Kalyani Govt. Engg. College	M. Tech.	ECE	18	18
2004 - 2005		M. Tech	ECE	18	18
2005 - 2006		M. Tech	ECE	18	18
2003 – 2004	Bengal Engg. & Science University	M. Tech	ECE	20	20
2004 – 2005		M. Tech	ECE	20	20
2005 – 2006		M. Tech	ECE	20	20
2003 – 2004	Jadavpur Univ.	M. Tech.	ECE	25	25
2004 – 2005		M. Tech.	ECE	25	25
2005 - 2006		M. Tech.	ECE	25	25
2003 – 2004	Calcutta Univ.	M. Tech.	ECE	25	25
2004 – 2005		M. Tech.	ECE	25	25
2005 - 2006		M. Tech.	ECE	25	25

(b) Justification for starting the proposed programme in view of (a) above

(minimum 100 words)

The Institute is a landmark in education managed by a team of highly successful and reputed professionals from both academic and Industrial fields. The Institute is conveniently located in a prime location on the V.I.P. Road in the vicinity of Kolkata Airport. The mission of the Institute is to expand boundaries of human knowledge and benefit society through Research integrated with education. The Institute has full fledged Infrastructure and is successfully conducting B.Tech Courses in four engineering disciplines and one post graduate (Computer Application) programme.

75% of our students of Electronics & Communication Engineering are being absorbed in renowned corporate sectors and passing GATE with high grades and awaiting eagerly for doing ME or M.Tech. in their parent Institution for which the Institute desires to introduce a 2 year M.Tech programme with a view to train the students in high level theoretical knowledge which will enable them to tackle practical computer problems of design and development in the Industrial fields as well as pursue further academic achievements through research.

Our Electronics & Communication Engineering department comprises of the State-of-the-art technologies which include Optical Fibre Communication, Microwave and Antenna, Analog and Digital Communication, Control System Engineering and many others.

They are not just dry theories but also practically verified in the vibrant atmosphere of the laboratories at the Institute.

The State scenario in respect of available seats in PG programme is very few in comparison with the demands of students.

Thus the location along with the highly qualified faculties as well as the well equipped laboratories makes the Institute for starting the proposed Post Graduate Programme.

12.3 DEVELOPMENT PLAN FOR THE PROPOSED PROGRAMME FOR NEXT 10 YEARS, PROJECT COST & SCHEDULE

i) **Preliminary And Pre Operative Expenses (if any)**

(Including land cost, land development, approach road, electricity and water connections, fencing etc.)

Enclosed herewith Annexure – III

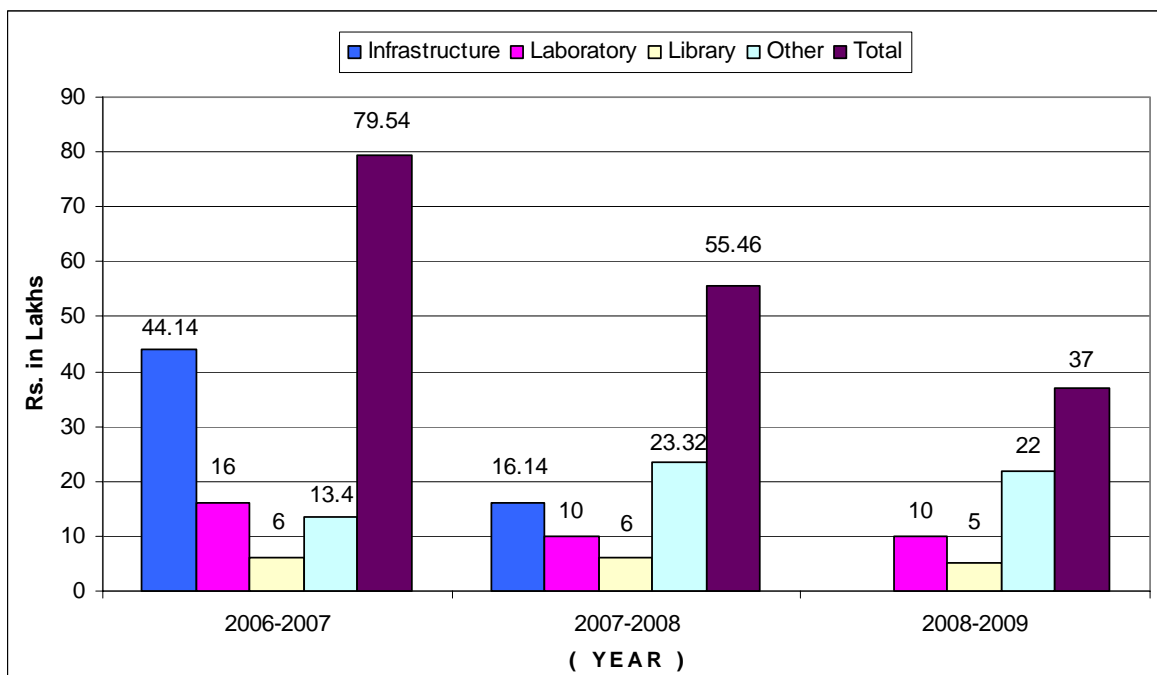
Sl.No.	Electricity	Investment (Rs. In Lakhs)
1.	DG Power Supply (Stand by) 500 KVA	6
2.	Water Pumping Station	3
3.	Multigym	5
4.	Extension of Hostel Building	5
5.	Staff Quarter	9
	TOTAL	28

ii) Projections for next 10 years

- a) Give a bar chart indicating mobilization of funds for the proposed project at the time of establishment & for next 10 years at intervals of two years.

Enclosed herewith Annexure - IV

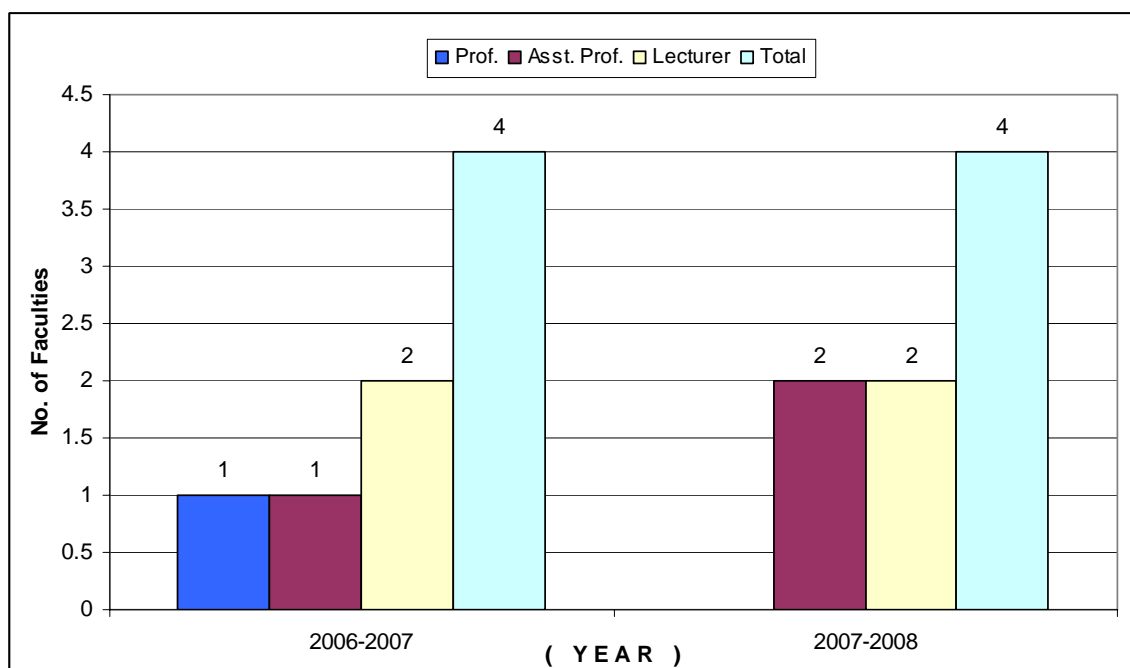
Year	Infrastructure (Rs. In Lakhs)	Laboratory (Rs. In Lakhs)	Library (Rs. In Lakhs)	Other (Rs. In Lakhs)	Total (Rs. In Lakhs)
2006-2007	44.14	16	6	13.4	79.54
2007-2008	16.14	10	6	23.32	55.46
2008-2009	0	10	5	22	37



- b) Give a bar chart indicating the recruitment of faculty (separately for Lecturer, Assistant Professor, Professor) for the proposed project at the time of establishment & for next 10 years at intervals of two years.

Enclosed herewith Annexure - V

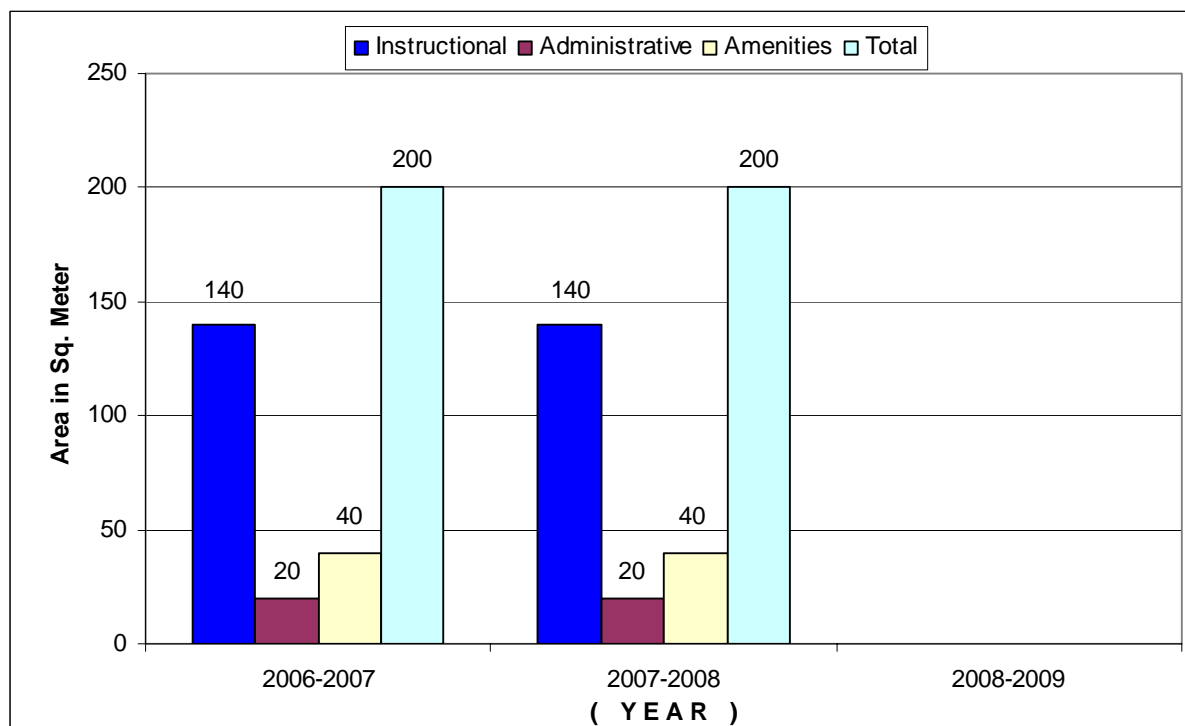
Year	Prof.	Asst. Prof.	Lecturer	Total
2006-2007	1	1	2	4
2007-2008	0	2	2	4



- c) Give a bar chart indicating creation of built up area (separately for Instructional, Administrative and Amenities) for the proposed project at the time of establishment & for next 10 years at intervals of two years.

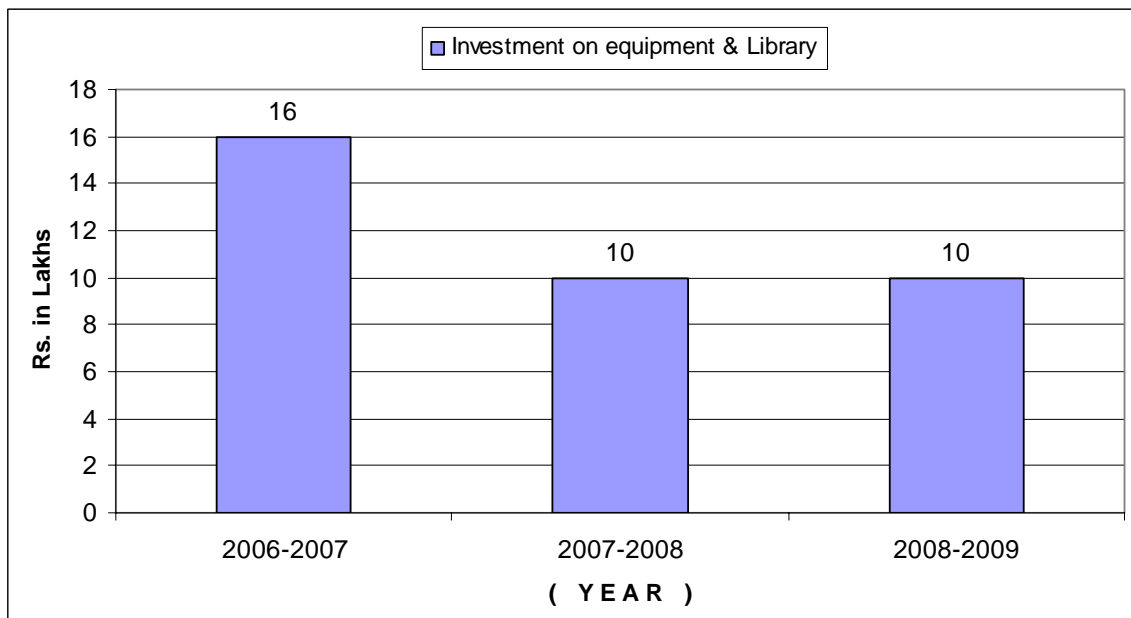
Enclosed herewith Annexure - VI

Year	Instructional (Area in sq. meter)	Administrative (Area in sq. meter)	Amenities (Area in sq. meter)	Total (Area in sq. meter)
2006-2007	40 (Class Room) +100 (Laboratory) = 140	20	40	200
2007-2008	40 (Class Room)+ 100 (Laboratory) = 140	20	40	200
2008-2009	0	0	0	0



- d) Give a bar chart indicating investment on equipment and machinery for the proposed project at the time of establishment & for next 10 years at intervals of two years.
Enclosed herewith Annexure - VII

Year	Investment on equipment & Library (Rs. In Lakhs)
2006-2007	16
2007-2008	10
2008-2009	10



iii). Total Project cost (at the time of establishment and next five years)

Year	Courses / Intake Proposed (I)			Built up area / Investment to be made (Sqmt / Rs.) (II)				Investment on Furniture & Accessories (Rs. In Lakhs) (III)	Investment on Equipment / Machinery (Rs. In Lakhs) (IV)			Projected expenditure on Salary of Staff per annum (Rs. In Lakhs) (V)		Investment on Library (Rs. In Lakhs) (VI)			Total Project Cost (I to VI) and Preoperative Exp.) (Rs. in Lakhs)
				Instructional Area in Sq. metre		Admn. Area	Amenities		Labs	W/S	Comp. Centre	Teaching	Non-teaching	Text Book	Ref. Books	Journals	
	UG	PG	Doc.	Class Room	Lab / W/S												
2006 - 2007		M. Tech. In ECE		40	100	20	40	02	10	00	06	09	2.4	1.5	0.5	04	51.54
Rs. 8,070/sq. m.																	
2007 - 2008		M. Tech. In ECE		40	100	20	40	02	08	00	02	17	4.32	1.5	0.5	04	55.76
2008 - 2009		M. Tech. In ECE		—	—	—	—	—	08	00	02	17	4.32	1.5	0.5	04	37.32
2009 - 2010		M. Tech. In ECE		—	—	—	—	—	—	—	—	17	05	0.5	0.5	04	27

iv) DETAILS FOR MOBILIZATION / SOURCE OF FUNDS (CAPITAL & RECURRING)
(At the time of establishment and next five years) (Rs. in Lacs)

Year	From Applicant	Donations	Grants from Govt.	Fees	Loan	Others
2006 - 2007	47.724	NIL	NIL	—	31.816	NIL
2007 - 2008	22.476	NIL	NIL	18	14.98	NIL
2008 - 2009	1.32	NIL	NIL	36	NIL	NIL
2009 - 2010	NIL	NIL	NIL	36	NIL	NIL

v) RECRUITMENT OF FACULTY
(At the time of establishment and next five years)

Year	Recruitment			Total
	Professor	Asst. Professor	Lecturer	
2006 - 2007	01	01	02	04
2007 - 2008	NIL	02	02	04

vi) RECRUITMENT OF NON-TEACHING STAFF
(At the time of establishment and next five years)

Year	Recruitment		Total
	Technical	Administrative	
2006 – 2007	02	02	04
2007 – 2008	02	01	03

vii) STRUCTURE OF GOVERNING BODY (Hard copy submitted)

(VIII) INDUSTRY LINKAGES (from the time of establishment of college.)

Regular workshops are organized in the Institute where speakers from different industries, eminent lecturers from renowned Universities and Institutes are invited. Moreover, the students are sent to different industries for vocational training during their pre-final year. People from industries are also invited on regular basis to impart quality training on softskills, assessment interviews, group discussions, practical workshops for the students in student-industry interactive sessions.

The Faculties are encouraged and given incentives for attending workshops on FDP at IITs and other academic institutes such as Bengal Engineering and Science University, JU from time to time and many of our faculty members have attended and have been benefited from this type of programmes.

The Institute has taken an initiative to tie-up with Imperial College of Science and Technology (UK) to enhance its academic excellence in different fields as well as during introduction of new departments. Preparation is under way to forge this alliance. Not only that, some foreign Universities namely, Wolverhampton University of U.K. are visiting the Institute from time to time. Such activities has given us the vision and thought to be global in the future.

Our Institute is trying to develop laboratories which will act as a center of excellence in collaboration with Computer and other laboratories of JU, PDSIT, BESU and IIT KGP and it is going to be implemented within a short span of time.

DECLARATION

I, on behalf of “**B. P. PODDAR INSTITUTE OF MANAGEMENT & TECHNOLOGY**” hereby confirm that this Detailed Project Report has been prepared for its proposed programme in “Master of Technology in Electronics & Communication Engineering”. It is hereby confirmed that all the information furnished above is true to the best of my / our knowledge and belief and if any information is found to be false, the proposal may be rejected.

(As it is a Computer generated information, no signature is required)

(Authorized Signatory of the Applicant)

Place: Kolkata

Name Prof. (Dr.) Subhas Chandra Chakravartty

Date: 17.3.2006.

Designation : Principal

(Seal)