10.0   Mandatory Disclosures

The following information shall be given in the information Brochure besides being hosted on the Institution's
official Website.

The onus of the authenticity of the information lies with the Institution ONLY and not on AICTE.

1.   Name of the Institution
   - Address including Telephone, Mobile, E-Mail
     Babaria Institute of Technology
     Vadodara-Mumbai NH # 8.
     Varnama ,Vadodara Pin-391240
     02652303991
     8238077699
     info@bitseducampus.org

2.   Name and address of the Trust/ Society/ Company and the Trustees
   - Address including Telephone, Mobile, E-Mail
     Shree Krishna Educational and Charitable Trust
     103, Gajanan Complex, Old Padra Road, Vadodara
     02652359999
     9879549999
     info@bitseducampus.org

3.   Name and Address of the Vice Chancellor/ Principal/ Director
   - Address including Telephone, Mobile, E-Mail
     Dr. Pallavi Agarwal
     Babaria Institute of Technology
     Vadodara-Mumbai NH # 8.
     Varnama ,Vadodara Pin-391240
     02652303991
     9099035991
     principal.bit@bitseducampus.ac.in

4.   Name of the affiliating University
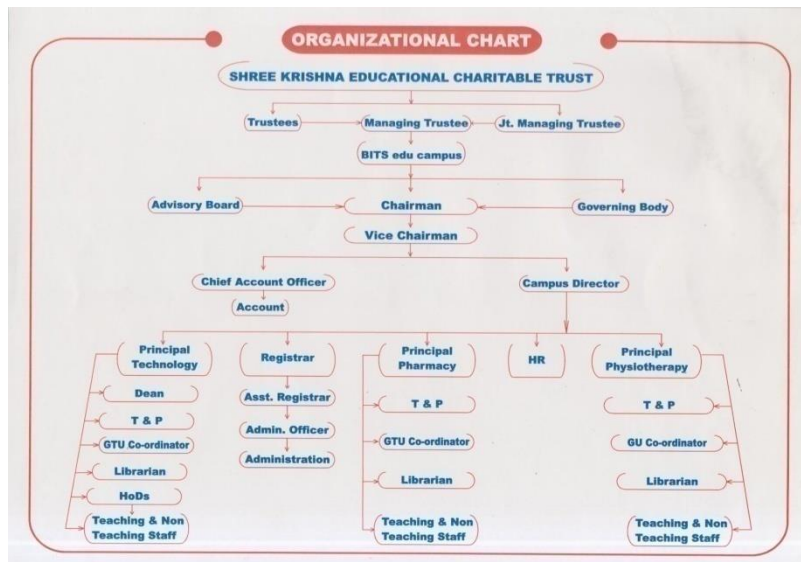
   Gujarat Technological University

5. Governance

Members of the Board and their brief background

Sr.no.	Governing Board Members
	Name & Details
1	Shri Dhruv J. Patel
	CMD, BITS Edu Campus
2	Dr. N. L. Kalathia, Member
	Educationist, Former Dean, Veer Narmad South Gujarat University, Surat
3	Mr Nilesh Shukla, Member
	President, VCCI, Vadodara
4	Shri. Lalbhai P Patel,Member
	Director, International Federation of Purchase and Supply Management
5	Dr. Jaymin P. Bhalani, Member
	Electronics & Communication Engineering Department, Babaria Institute of Technology
6	Mr. Ravindrakumar R Yadav, Member
	Electrical Engineering Department, Babaria Institute of Technology
7	Dr Pallavi Agarwal, Member
	Principal, Babaria Institute of Technology
8	Dr Mehul Jadav, Member
	Principal, BITS Institute of Physiotherapy
9	Dr. Jagdish P.Patel, Member
	From the region nominated by the State Government, Gandhinagar
10	Nominee Member
	All India Council of Technical Education Regional Officer
11	Nominee Member
	Nominee, The Gujarat Technological University, Ahmedabad
12	Nominee Member
	Nominee, The State Govt. Director of Technical Education (Ex-Officio), Gandhinagar

Members of Academic Advisory Body

Advisory Board

Sr.No.	Name & Details
1	Shri Kishorbhai Virani (Maldar)
	Industrialist, Chairman & M. D.,Karp Group Surat.,Jyoti CNC Ltd. Rajkot
2	Shri Vallabhbhai P. Savani
	Educationalist, Chairman, P P Savani Vidya Bhavan Surat
3	Shri Arvindbhai V. Patel
	Industrialist, Managing Director, Patel Infrastructure Pvt Ltd , Anand
4	Dr. Anil Kane
	Educationalist, Former Vice Chancellor, MSU , Chairman Emeritus, Indian Wind Energy Asso.
5	Smt. Geeta Goradia
	Industrialist, President & M.D. , Jewel Group. Vadodara. Ex – President (FGI)
6	Shri Vallabhbhai Patel
	Industrialist, Chairman & M.D. ,Patel Motors Pvt.Ltd. Indore, V.C. - Gujarat Kala Kendra
7	Shri Dharmasinhbhai H. Patel
	Socialist, Vice Chairman, Sardar Patel Health Foundation, Dhandhuka
8	Prof. G.N. Patel
	Educationalist, Ex - Professor, Nirma University, Ahmedabad.
9	Shri Kishor H. Sheth
	Socialist, Trustee - Kashtbhanjan Hanumanji Mandir, Salangpur
10	Shri V.K.Saxena
	Industrialist, Director - JK Cement Ltd., Direcotr - Dholera Port Trust, Ahmedabad
11	Shri Maulik Bhansali
	Technologist, CEO & Director, Netweb Software Pvt. Ltd. President - GESIA

- Frequently of the Board Meeting and Academic Advisory Body
  Frequency of Meeting: Quarterly
- Organizational chart and processes

- Nature and Extent of involvement of Faculty and students in academic affairs/ improvements
  Some of our senior faculty are members of university BOS they meet from time to time and revise the syllabus as per requirements of the industry. Alumni also interact with Heads of department and other senior members and their feedback is also incorporated in the BOS meetings.

- Mechanism/ Norms and Procedure for democratic/ good Governance
  We are following all rules and regulations of AICTE and Gujarat Technological University

- Grievance Redressal mechanism for Faculty, staff and students

  We have a system for grievance redressal where the grievance is addressed by the committee , the students and faculty/staff are heard/counseled by heads of departments or principal as case may be and necessary actions are taken

- Establishment of Anti Ragging Committee

Anti -Ragging Committee & Squad, Babaria Institute of Technology

Sr. No	Committee Type Anti Ragging Committee /Anti Ragging squad	Name of the Committee Member	Profession	Mobile Number	e Mail Address
1	Committee	Dr. Pallavi Agarwal	Principal, Babaria Institute of Technology	9099035991	principal.bit@bitseducampus.ac.in
2	Committee	H'ble K K Vaishya	Representative of Civil, Rtd. Additional District and Session Judge (Nominated by Trust)	9925233991	info@bitseducampus.org
3	Committee	Ex officio. Police Sub Inspector,	PSI,Police Administration Member	265 2830033	info@bitseducampus.org
4	Committee	Shri Yogen Joshi	Representative of Local Media	9099933622	info@bitseducampus.org
5	Committee	Dr. R B Bhesania	Representative of NGO	265 2428191	drbhesania@gmail.com
6	Committee	Prof. Dinal Panchal	Representative of Faculty member	9624014658	dinalpanchal.ee@bitseducampus.ac.in
7	Committee	Shri Sandip Desai	Representative of Parents	9375956633	info@bitseducampus.org
8	Committee	Mr. Achyut Golakiya	Student Representative Fresher's category	8238077699	info@bitseducampus.org
9	Committee	Mr. Parth Narendrabhai Antala	Representative of Senior Students	2652303991	info@bitseducampus.org
10	Committee	Ms. Nirali Rathod	Assistant Registrar (Non Teaching Staff)	9909043777	ar.bits@bitseducampus.ac.in
11	squad	Dr. Santosh Shah	Faculty Member Babaria Institute of Technology	7069084513	dirinnovation@bitseducampus.ac.in
12	squad	Dr. Khyati Zalawadia	Faculty Member Babaria Institute of Technology	2652303991	khyatizalawadia.ec@bitseducampus.a
13	squad	Ms. Nirali Rathod	Assistant Registrar BITS Edu Campus	9909043777	ar.bits@bitseducampus.ac.in
14	squad	Mr. Shailesh Kotnala	Sr. Security Officer BITS Edu Campus	9099035995	info@bitseducampus.org

- Establishment of Online Grievance Redressal Mechanism
  Email system: grievance@bitseducampus.ac.in
  Website: https://bitstechnology.org/student-grievance-form-2/

- Establishment of Grievance Redressal Committee in the Institution and Appointment of OMBUDSMAN by the University

Sr. No	Committee Type ombudsman/Grievance	Name of the Committee Member	Profess ion	Mobile Number	e Mail Address
1	committee	Dr. Pallavi Agarwal	Principal	9099035991	principal.bit@bitseducampus.ac.in
2	committee	Ms. Nirali Rathod	Assistant Registrar	9909043777	ar.bits@bitseducampus.ac.in
3	committee	Dr. Kautuk Shah	Associate Professor	7574867239	nofficer@bitseducampus.ac.in
4	committee	Mr. R K Yadav	Assistant Professor	7069084502	ravindrayadav.ee@bitseducampus.ac.in

- Establishment of Internal Complaint Committee (ICC)

Constitution of College Internal Complaint Committee to look into the matter relating to the staffs of the Babaria Institute of Technology on a continuous basis.

In pursuance of the decision taken by Founder President, Chairman and undersigned on 25thMay, 2016, it has been decided to constitute a College Internal Complaint Committee for look into the matter relating to the staffs of the Babaria Institute of Technology on a continuous basis. This committee in the college was formed to address all the internal issues of the staffs, so that they get solutions to the various problems. Suggestions and remedies are given by the members so that the problems are tackled by the faculties.

The committee is requested to consult attached document "Roles and Responsibilities". Chairman of committees may co-opt any other person as a member, if required. The empowered committee is as follows:

Name of Member	Designated as	Institute Designation	Department
Dr. Pallavi Agarwal	Chairperson	Principal, BIT	Mechanical Dept.
Ms. Nirali Rathod	Member	Assistant Registrar	Administrative Dept.
Dr. Santosh Shah	Member	Head & Professor	Civil Dept.
Dr. Pritesh R. Mankad	Member	Head & Professor	Electrical Dept.
Dr. Dattesh Joshi	Member	Associate Professor	Electrical Dept.
Dr. Twinkal Doshi	Member	Head & Associate Professor	E & C Dept.
Dr. Avani R. Vasant	Member	Head & Professor	CSE Dept.
Mr. Umesh Singh	Member	Head & Assistant Professor	S & H Dept.
Mr. Dipak Rana	Member	Laboratory Assistant	CSE Dept.
Mr. Adit Desai	Member	Laboratory Assistant	Electrical Dept.
Patel Hiten Nanalal	Member	Student	E & C Dept.
Patel Rutvi Jigneshbhai	Member	Student	E & C Dept.
Shah Siddha Umeshkumar	Member	Student	E & C Dept.

- Establishment of Committee for SC/ ST

Sr. No	Committee Type ST SC committee	Name of the Committee Member	Designation	Mobile Number	e Mail Address
1	committee	Dr.Pallavi Agarwal	Principal	9099035991	principal.bit@bitseducampus.ac.in
2	committee	Mr. Ketan Rathod	Assistant Professor	2652303991	ketanrathod.ce@bitseducampus.ac.in
3	committee	Mr. Rohit Gaurang	Assistant Professor	2652303991	gaurangrohit.me@bitseducampus.ac.in
4	committee	Ms. Pragna Makwana	Assistant Professor	2652303991	pragnamakwana.ce@bitseducampus.ac.in
5	committee	Mr. Chirag R. Sindhav	Assistant Professor	2652303991	chiragsindhav.cv@bitseducampus.ac.in

- Internal Quality Assurance Cell

In pursuance of the decision taken by Founder President, Chairman and undersigned on 06th July, 2016, it has been decided to improve the academic and administrative performance of the Babaria Institute of Technology on a continuous basis.

IQAC evolved with the mechanisms and procedures for ensuring timely, efficient and progressive performance of academic, administrative and financial tasks.
Also relevance and quality of academic (TLP - Optimization and integration of modern methods of teaching and learning, TLP - evaluation procedures). Equitable access to and affordability of academic programmes for various sections of society. Ensuring the adequacy, maintenance and functioning of the support structure and services.
Research &Development: Research sharing and networking with other institutions in India and abroad.
IQAC of this Institute comprises of the members as per the guidelines of UGC. The committee is requested to consult attached document "Roles and Responsibilities". Chairman of committees may co-opt any other person as a member, if required. The empowered committee is as follows:

Name of Member	Designated as	Institute Designation	Department
Dr. Pallavi Agarwal	Chairperson	Principal, BIT	Mechanical Dept.
Dr. Ravindra K Yadav	Member (Management Representative)	B.O.G. Member	Electrical Dept.
Ms. Nirali Rathod	Member (Administrative official)	Assistant Registrar	Administrative Dept.
Dr. Avani R Vasant	Member (Teacher)	Professor & Head, CSE Dept.	CSE Dept.
Dr. Twinkle V Doshi	Member (Teacher)	Associate Professor & Head, E & C Dept.	E & C Dept.
Dr. Santosh Shah	Member (Teacher)	Professor & Head, Civil Dept.	Civil Dept.
Dr. Dattesh Joshi	Member (Teacher)	Associate Professor, EE Dept	Electrical Dept.
Mr. Umesh Singh	Member (Teacher)	Assistant Professor and Head S & H Dept	Head S & H Dept
Mr. Sachin Daxini	Member (Teacher)	Assistant Professor, ME Dept	Mechanical Dept.
Dr. Khyati Zalawadia	Member (Teacher)	Associate Professor, E & C Dept	E & C Dept.
Mr. Keil Shah	Member (external expert)	Director, Expel Prosys Pvt. Ltd, Manjusar	External expert – Industry
Mrs. Rita Nair	Member (external expert)	Director-HR, Xylem Inc.	External expert – Industry
Dr. Pritesh Mankad	Member Secretary (coordinator)	Professor & Head, EE Dept.	Electrical Dept.

6. Programmes
   - Name of Programmes approved by AICTE

ENGINEERING AND TECHNOLOGY

POST GRADUATE (1) ADVANCED MANUFACTURING SYSTEMS
                         (2) ELECTRONICS & COMMUNICATIO N(COMMUNICATI ON SYSTEM
ENGINEERING)
                         (3) MBA

UNDER GRADUATE (1) COMPUTER SCIENCE AND ENGINEERING
                         (2) MECHANICAL ENGINEERING
                         (3) ELECTRICAL ENGINEERING
                         (4) CIVIL ENGINEERING
                         (5) ELECTRONICS & COMMUNICATIO N ENGG
                         (6) INFORMATION TECHNOLOGY

- Name of Programmes Accredited by AICTE
  Applied for Electrical Engineering -Under Graduate Course

- Status of Accreditation of the Courses
  - Total number of Courses
    Seven
  - No. of Courses for which applied for Accreditation
    One
  - Status of Accreditation – Preliminary/ Applied for SAR and results awaited/ Applied for
    SAR
  and visits completed/ Results of the visits awaited/ Rejected/ Approved for ….. Courses
    Applied for SAR and Visit awaited

- For each Programme the following details are to be given:

  - Name   : Computer Engineering
  - Number of seats : 180
  - Duration   : 4 Yrs.
  - Cut off marks/rank of admission during the last three years:
    2020-2021   : 27293
    2019-2020   : 31264
    2018-2019   : 19756
  - Fee   : Rs. 1,12,000/-
  - Placement Facilities : Yes
  - Campus placement in last three years with minimum salary, maximum salary and average
    salary

Placement details of Computer			
Year	Minimum Salary	Maximum Salary	Average Salary
2020-21	2.4 LPA	3.65 LPA	3.02 LPA
2019-20	2.4 LPA	4 LPA	2.9 LPA
2018-19	1.8 LPA	5.7 LPA	2.25 LPA

- Name   : Mechanical Engineering
- Number of seats : 120
- Duration   : 4 Yrs.

- Cut off marks/rank of admission during the last three years:
  2020-2021   : 27252
  2019-2020   : 32889
  2018-2019   : 39573
- Fee   : Rs. 1,12,000/-
- Placement Facilities : Yes
- Campus placement in last three years with minimum salary, maximum salary and average salary

Placement details of Mechanical			
Year	Minimum Salary	Maximum Salary	Average Salary
2020-21	1.81 LPA	3.65 LPA	2.37LPA
2019-20	0.96 LPA	4 LPA	1.6 LPA
2018-19	1.32 LPA	3.12 LPA	1.6 LPA

- Name   : PG –Advance Manufacturing System (Mechanical Engineering)
- Number of seats : 11
- Duration   : 2 Yrs.
- Cut off marks/rank of admission during the last two years:
  2020-2021   : 67.1%
  2019-2020   : -
- Fee   : Rs. 1,19,000/-
- Placement Facilities : Yes
- Campus placement in last three years with minimum salary, maximum salary and average salary
  Not Applicable

- Name   : Electrical Engineering
- Number of seats : 120
- Duration   : 4 Yrs.
- Cut off marks/rank of admission during the last three years:
  2020-2021   : 26994
  2019-2020   : 32289
  2018-2019   : 39700
- Fee   : Rs. 1,12,000/-
- Placement Facilities : Yes
- Campus placement in last three years with minimum salary, maximum salary and average salary

Placement details of Electrical			
Year	Minimum Salary	Maximum Salary	Average Salary
2020-21	2.5 LPA	3.65 LPA	3.07 LPA
2019-20	1.5 LPA	3 LPA	2.2 LPA
2018-19	1.3 LPA	2.5 LPA	1.72 LPA

- Name   : Civil Engineering
- Number of seats : 120
- Duration   : 4 Yrs.
- Cut off marks/rank of admission during the last three years:
  2020-2021   : 26096

2019-2020   : 33142
2018-2019   : 39702
- Fee   : Rs. 1,12,000/-
- Placement Facilities : Yes
- Campus placement in last three years with minimum salary, maximum salary and average salary

Placement details of Civil			
Year	Minimum Salary	Maximum Salary	Average Salary
2020-21	-	-	-
2019-20	-	-	-
2018-19	1.2 LPA	1.2 LPA	1.2 LPA

- Name   : Electronics and Communication Engineering
- Number of seats : 60
- Duration   : 4 Yrs.
- Cut off marks/rank of admission during the last three years:
  2020-2021   : ~~~~~~
  2019-2020   : 32081
  2018-2019   : 39622
- Fee   : Rs. 1,12,000/-
- Placement Facilities : Yes
- Campus placement in last three years with minimum salary, maximum salary and average salary

Placement details of Electronics & Communications			
Year	Minimum Salary	Maximum Salary	Average Salary
2020-21	2.5 LPA	3.65 LPA	3.07 LPA
2019-20	2 LPA	4.2 LPA	2.6 LPA
2018-19	1.50 LPA	3.00 LPA	2.14 LPA

- Name   : PG –Electronics and Communication
- Number of seats : 11
- Duration   : 2 Yrs.
- Cut off marks/rank of admission during the last two years:
  2020-2021   : -
  2019-2020   : 62.1%
- Fee   : Rs. 1,19,000/-
- Placement Facilities : Yes
- Campus placement in last three years with minimum salary, maximum salary and average salary

Placement details of Electronics & Communications			
Year	Minimum Salary	Maximum Salary	Average Salary
2020-21	2.4 LPA	2.4 LPA	2.4 LPA
2019-20	2 .1 LPA	2.8 LPA	2.4 LPA

- Name : Information and Technology
- Number of seats : 60
- Duration : 4 Yrs.
- Cut off marks/rank of admission during the last three years:
  2020-2021 : 27125
- Fee : Rs. 1,12,000/-
- Placement Facilities : Yes
- Campus placement in last three years with minimum salary, maximum salary and average salary
  Information and Technology course started in A.Y. 2020-2021.

- Name : MBA
- Number of seats : 60
- Duration : 2 Yrs.
- Cut off marks/rank of admission during the last three years:
  2020-2021 : GJ1101100130
- Fee : Rs. 70,000/-
- Placement Facilities : Yes
- Campus placement in last three years with minimum salary, maximum salary and average salary
  MBA course started in A.Y. 2020-2021.

- Name and duration of Programme(s) having Twinning and Collaboration with Foreign University(s) and being run in the same Campus along with status of their AICTE approval. If there is Foreign Collaboration, give the following details:

  No Twinning and Collaboration with Foreign University(s) and being run in the same Campus

  Details of the Foreign University   **Not Applicable**
  - Name of the University
  - Address
  - Website
  - Accreditation status of the University in its Home Country
  - Ranking of the University in the Home Country
  - Whether the degree offered is equivalent to an Indian Degree? If yes, the name of the agency which has approved equivalence. If no, implications for students in terms of pursuit of higher studies in India and abroad and job both within and outside the country
  - Nature of Collaboration
  - Conditions of Collaboration
  - Complete details of payment a student has to make to get the full benefit of Collaboration
- For each Programme Collaborated provide the following: **Not Applicable**
  - Programme Focus
  - Number of seats
  - Admission Procedure
  - Fee
  - Placement Facility

- Placement Records for last three years with minimum salary, maximum salary and average salary
- Whether the Collaboration Programme is approved by AICTE? If not whether the Domestic/Foreign University has applied to AICTE for approval

    Not Applicable

7. Faculty
    - Branch wise list Faculty members:
        - Permanent Faculty
        - Adjunct Faculty
        - Permanent Faculty: Student Ratio
    - Number of Faculty employed and left during the last three years

8. Profile of Vice Chancellor/ Director/ Principal/ Faculty
    For each Faculty give a page covering with Passport size photograph **(already on our website)**
    https://bitstechnology.org/computer-science-engineering/faculty-profile/
    https://bitstechnology.org/civil-engineering/faculty-profile/
    https://bitstechnology.org/electrical-engineering/staff/
    https://bitstechnology.org/electronics-communication/faculty-profile-2/
    https://bitstechnology.org/mechanical-engineering/faculty-profile-2-2/
    - Name
    - Date of Birth
    - Unique id
    - Education Qualifications
    - Work Experience
        - Teaching
        - Research
        - Industry
        - others
    - Area of Specialization
    - Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level
    - Research guidance
        - No. of papers published in National/ International Journals/ Conferences
        - Master
        - Ph.D.
    - Projects Carried out
    - Patents
    - Technology Transfer
    - Research Publications
    - No. of Books published with details

9. Fee
    - Details of Fee, as approved by State Fee Committee, for the Institution

        Rs. 1,12,000/- (UG Course)
        Rs. 1,19,000/- (PG Course)
        Rs. 70,000/- (PG Management course)

- Time schedule for payment of Fee for the entire Programme

  Semester wise

- No. of Fee waivers granted with amount

1 FINANCIAL AID UNDER VIDHAVA KANYA KELVANI SAHAY - Rs. 3,28,500/-

2 FINANCIAL AID UNDER VIDHAVA KULDEEPAK KELVANI SAHAY –Rs. 53,000/-

3 SCHOLARSHIP TOWARDS DHANDHUKA TALUKA EDUCATION – Rs. 7,66,500/-

5 SCHOLARSHIP EXP (BETI BACHAO,BETY PADHAO- EC)- Rs. 1,68,000/-

6 Other Scholarship Paid- Rs. 5,27,200/-

- Number of scholarship offered by the Institution, duration and amount

  Two, every year and as mentioned below

  1. SCHOLARSHIP TO UNIVERSITY & INSTITUTE RANKER
  2. SCHOLARSHIP INSTITUTE MERITORIOUS STUDENT-BIT

Scholarship based on result at University

Rank	First	Second	Third to Fifth	Sixth to Ten
Amount Rs.	51,000	41,000	31,000	25,000

Scholarship based on result at Institute

Rank	First	Second	Third
Amount Rs.	24,000	18,000	12,000

- Criteria for Fee waivers/scholarship

  Fee waivers

1 FINANCIAL AID UNDER VIDHAVA KANYA KELVANI SAHAY
   Father's death certificate and family income certificate, result of last examination

2 FINANCIAL AID UNDER VIDHAVA KULDEEPAK KELVANI SAHAY
   Father's death certificate and family income certificate, result of last examination

3 DHANDHUKA TALUKA EDUCATION
Address proof, Leaving certificate, result of last examination

4 BETI BACHAO,BETY PADHAO- EC
Policy of honorable Prime Minister and MHRD, New Delhi

Scholarship

1 SCHOLARSHIP TO UNIVERSITY RANKER
Students securing University Rank SPI wise in the First, Second, Third and Fourth Year

2 SCHOLARSHIP TO INSTITUTE RANKER
Students securing Institute Rank (Branch wise) CPI wise in the First Year

- Estimated cost of Boarding and Lodging in Hostels

  Non-AC Room (BOYS AND GIRLS HOSTEL)
  1. BOARDING   60000.00(PER YEAR)
  2. LODGING   35000.00(PER YEAR)
     Total (Rs.)   95000.00
     AC Room (BOYS AND GIRLS HOSTEL)
  1. BOARDING   65000.00(PER YEAR)
  2. LODGING   35000.00(PER YEAR)
     Total (Rs.)   100000.00

10. Admission
    - Number of seats sanctioned with the year of approval

Branch	Intake	Year of establishment	AICTE Approval Ref. no.
UNDER GRADUATE			
COMPUTER SCIENCE AND ENGINEERING	180	2004	F.NO.: 06/01/GUJ/ENGG/2004/011
MECHANICAL ENGINEERING	120	2004	F.NO.: 06/01/GUJ/ENGG/2004/011
ELECTRICAL ENGINEERING	120	2004	F.NO.: 06/01/GUJ/ENGG/2004/011
CIVIL ENGINEERING	120	2011	F.NO.: Central/1-401592971/2011/EOA
ELECTRONICS & COMMUNICATIO N ENGG	60	2004	F.NO.: 06/01/GUJ/ENGG/2004/011
INFOAMATION TECHNOLOGY	60	2020	F.No. Central/1-7007838636/2020/EOA/Corrigendum-1
POST GRADUATE			
ADVANCED MANUFACTURING SYSTEMS	24	2014	F.NO.: Central/1-2019994441/2014/EOA
ELECTRONICS & COMMUNICATIO (COMMUNICATI ON SYSTEM ENGINEERING)	24	2014	F.NO.: Central/1-2019994441/2014/EOA
MBA	60	2020	F.No. Central/1-7007838636/2020/EOA/Corrigendum-1

- Number of applications received during last two years for admission under Management Quota and number admitted

  2020-2021
  Applications received   178
  Admitted   169

  2019-2020
  Applications received   73
  Admitted   61

11. Admission Procedure
    - Mention the admission test being followed, name and address of the Test Agency and its URL (website)
      Admissions are given by Admission Committee for Professional Courses (ACPC), Gov. of Gujarat
      www.jacpcldce.ac.in

    - Number of seats allotted to different Test Qualified candidate separately (AIEEE/ CET (State conducted test/ University tests/ CMAT/ GPAT)/ Association conducted test)

      GUJCET
      50% State Quota, 50% Management quota

    - Calendar for admission against Management/vacant seats: **As per Schedule given by ACPC**
      - Last date of request for applications
      - Last date of submission of applications
      - Dates for announcing final results
      - Release of admission list (main list and waiting list shall be announced on the same day)
      - Date for acceptance by the candidate (time given shall in no case be less than 15 days)
      - Last date for closing of admission
      - Starting of the Academic session
      - The waiting list shall be activated only on the expiry of date of main list
      - The policy of refund of the Fee, in case of withdrawal, shall be clearly notified

12. Criteria and Weightages for Admission
    - Describe each criterion with its respective weightages i.e. Admission Test, marks in qualifying examination etc.

      ACPC merit list is calculated by combining GUJCET and Boards(PCM) in a ratio 40:60 by calculating percentile

    - Mention the cut-off Levels of percentage and percentile score of the candidates in the admission test for the last three years

      We do not take any admission test at institute level.

    - Display marks scored in Test etc. and in aggregate for all candidates who were admitted

      Not Applicable

13. List of Applicants
   - List of candidate whose applications have been received along with percentile/percentage score for each of the qualifying examination in separate categories for open seats. List of candidate who have applied along with percentage and percentile score for Management quota seats

     50% seats of the total intake are filled by ACPC, Government of Gujarat by central admission procedure. Details can be seen on www.jacpcldce.ac.in

14. Results of Admission Under Management seats/Vacant seats
   - Composition of selection team for admission under Management Quota with the brief profile of members (This information be made available in the public domain after the admission process is over)
   - Score of the individual candidate admitted arranged in order or merit
   - List of candidate who have been offered admission
   - Waiting list of the candidate in order of merit to be operative from the last date of joining of the first list candidate
   - List of the candidate who joined within the date, vacancy position in each category before operation of waiting list

     Available on our website

15. Information of Infrastructure and Other Resources Available   **As per AICTE Norms**
   - Number of Class Rooms and size of each
   - Number of Tutorial rooms and size of each
   - Number of Laboratories and size of each
   - Number of Drawing Halls with capacity of each
   - Number of Computer Centres with capacity of each
   - Central Examination Facility, Number of rooms and capacity of each
   - Barrier Free Built Environment for disabled and elderly persons
   - Occupancy Certificate
   - Fire and Safety Certificate
   - Hostel Facilities

   - Library
     - Number of Library books/ Titles/ Journals available (program-wise)

Library Books - Branch wise		
Subject	**Number of Titles**	**Number of Volumes**
E&C	672	3939
CE	1137	5381
ME	833	4895
EE	566	3680
CIVIL	498	4016
SH (Maths+Phy+Hsc)	755(541H+214M)	3110(1397M+1713H)
Total	**4461**	**25021**

- List of online National/ International Journals subscribed

Sr no	Name of the Journal/Magazine
1	Voice & Data
2	Electronics For u
3	Defence Science Journal- DRDO
4	Inventi Impact: Electronic Components
5	Inventi Impact: Antennas & Propagation
6	Inventi Impact: VLSI
7	Inventi Impact: Signal Processing
	COMPUTER SCIENCE & ENGINEERING
Sr no	**Name of the Journal/Magazine**
1	Digit
2	Linux For You
3	PC Quest
4	Data quest
5	Express Computer
6	CSI Journal of Communications - By Computer Society of India
7	Inventi Impact: Software Engineering
8	Inventi Impact: Artificial Intelligence
9	Inventi Impact: Cloud Computing
10	Inventi Impact: Computational Mathematics
11	Inventi Impact: Computer Networks and Simulation
12	Inventi Impact: Algorithm
	ELECTRICAL ENGINEERING
Sr no	**Name of the Journal/Magazine**
1	IEEMA Journal
2	E Power/Electronics Baazar
3	Electrical India
4	Lightining India
5	Power Line
6	Resonance
7	Inventi Impact: Power Electronics
8	Inventi Impact: Energy & Power
9	Inventi Impact: Electrical Engineering
10	Scientific and Industrial Research
11	Inventi Impact: Wind & waves
12	Inventi Impact: Engineering Mathematics
13	Institution of Engineers(IEI)-Springer- Electronics & Telecommunication
	MECHANICAL ENGINEERING
Sr no	**Name of the Journal/Magazine**
1	Institution of Engineers-Mechanical, prod, aerospace & Marine)
2	Cooling India

3	Pramana - IAS
4	Foundry
5	Indian journal of Industrial Relations
6	Automative Abstracts
7	Inventi Impact: Auto
8	Inventi Impact: Solar
9	Inventi Impact: Mechanical Engineering
10	Inventi Impact: Modelling & Simulation
11	Inventi Impact: Robotics
12	Inventi Impact: Vehicular Technology
	CIVIL ENGINEERING
Sr no	**Title**
1	Journal of Institution of Engineers- Series A (Civil,archi,env & Agri)
2	Indian Road Congress-Indian Highways
3	Indian Concrete Journal
4	Journal of Structural Engineering
5	Asian Journal of Water, Env & Pollution - TERI
6	Journal of Earth System Sciences-IAS
7	Inventi Impact: Civil Construction
8	Inventi Impact: Civil Structures
9	Inventi Impact: Civil Engineering
10	Inventi Impact: Water & Environment
	S & H
1	Inventi start ups
2	Inventi Impact: Fuzzy Systems

- E- Library facilities
  E- Resources (7000 E-journals and 8911 E books)
  Digital Library through Knimbus Subscription which provides E books and E journals
  DELNET membership which also provides E -journals and E books.

- Laboratory and Workshop
  - List of Major Equipment/Facilities in each Laboratory/ Workshop
  - List of Experimental Setup in each Laboratory/ Workshop

As per AICTE Norms
Already uploaded on our website

- Computing Facilities
  - Internet Bandwidth
  - Number and configuration of System
  - Total number of system connected by LAN
  - Total number of system connected by WAN
  - Major software packages available
  - Special purpose facilities available

- Innovation Cell
  - BITS INNOVATION CENTRE, a unit of BITS Edu Campus, has been established to nurture and support innovative ideas from Students and to convert them into successful Start-ups and develop entrepreneurship skills. The centre also provides various facilities for proactive initiatives to promote both industry funded and academic research and consultancy.

    VISION:
    To endow state-of-art research facilities for the incubation, realization and promotion of innovative ideas this leads to successful patentable start-ups for the betterment of society. To develop entrepreneurial skills among the students to help them to be self reliant and contribute to the nation building.
    To provide facilities to promote both industry funded and academic research
    To keep students updated about the emerging technologies.

    MISSION:
    To build an ecosystem to incubate and support innovative ideas in the region to enact wealth and employment action through successful start-ups.
    To create entrepreneurial opportunities for students, faculty and researchers
    To support technology entrepreneurship through emerging technologies by marshaling the resource of BITS Edu Campus.
    To nurture technology and knowledge based ventures through their start-up phase by providing the necessary mentoring support at ideation / prototype / patent / marketing / commercialization stages.
    To organize and support seminars / workshops and training programs based on emerging technologies for the students.
    To undertake both industries funded and academic research projects and provides innovative solution.

    Activities:
- Start-Ups & Innovation
- SSIP
- Seminars & Workshops
- Research & Consultancy
- Patents IPR
- Fab Lab
- E-Yantra Virtual Lab- IIT Bombay
- Entrepreneurship
- Hackathon

  - Social Media Cell
    BIT is available at Social Media Platform
    Facebook: https://www.facebook.com/babaria.institute/
    Instagram: https://www.facebook.com/babaria.institute/
    Linkedin: http://linkedin.com/in/bits-edu-campus-vadodara-88573419b
    Youtube: https://www.youtube.com/channel/UCpnW4eginLfg2rCcMjAn5dA

  - Compliance of the National Academic Depository (NAD), applicable to PGCM/ PGDM Institutions and University Departments

    Not Applicable

  - List of facilities available
  - Games and Sports Facilities
    Cricket, Volley Ball, Basket Ball, Badminton, Carom, Chess etc..
  - Extra-Curricular Activities
    Seminars, Workshops, Aahvan, Ganesh Utsav, Utarayan, Cultural events

- Soft Skill Development Facilities
  Communication lab

- Teaching Learning Process
  As per GTU norms

- Curricula and syllabus for each of the Programmes as approved by the University

UG syllabus engineering-http://gtu.ac.in/syllabus.aspx?STypeId=2&SType=Degree+Engineering
PG syllabus engineering-http://www.gtu.ac.in/syllabus.aspx?STypeId=5&SType=Master+of+Engineering

- Academic Calendar of the University

Academic calendar UG-http://gtu.ac.in/AcademicCal.aspx
Academic calendar PG-http://gtu.ac.in/AcademicCal.aspx

- Academic Time Table with the name of the Faculty members handling the Course
  Displayed on our website

- Teaching Load of each Faculty
  As per GTU norms

- Internal Continuous Evaluation System and place
  According to the norms of GTU at Institute

- Student's assessment of Faculty, System in place
  According to the norms of GTU at Institute

- For each Post Graduate Courses give the following:
  - Title of the Course
  - Curricula and Syllabi
    http://gtu.ac.in/syllabus.aspx?STypeId=2&SType=Degree+Engineering

  - Laboratory facilities exclusive to the Post Graduate Course
    As per AICTE norms

- Special Purpose
  - Software, all design tools in case
  - Academic Calendar and frame work

As per AICTE Norms

16. List of Research Projects/ Consultancy Works
    - Number of Projects carried out, funding agency, Grant received

      Please see Attachment 1

    - Publications (if any) out of research in last three years out of masters projects

      Please see Attachment 2

- Industry Linkage

Sr.No	Name of Companies/Associations	Date of MOU	Validity
1	FGI Association	7.10.16	5 years
2	Federation of small scale industries	13.10.16	5 years
3	Dahej Industries Associations	4.10.16	5 years
4	Savli East Waghodia Associations	18.10.16	5 years
5	IIMM associations	18.10.16	5 years
6	EXIM club	13.2.17	3 years

- MoUs with Industries (minimum 3)

MOUS WITH 27 COMPANIES AND 6 INDUSTRIAL ASSOCIATIONS LINKAGES			
Sr.No	Name of Companies/Associations	Date of MOU	Validity
1	Matrix Comsec	15.6.16	5 years
2	Dots and Coms	22.6.16	5 years
3	Sarang Infrastructure Ltd.	17.11.16	5 years
4	Ishan Equipments	20.10.16	5 years
5	Aero Couch	18.10.16	5 years
6	Refrahold	25.10.16	5 years
7	Shivas Enterprise	27.10.16	5 years
8	Fivebros Forgings Pvt.Ltd	20.10.16	2 years
9	KTECH Auto Pvt. Ltd.	19.10.16	5 years
10	ETECH Appliances	18.10.16	5 years
11	Shayona Engineering	5.11.16	5 years
12	Swastik Corporation	8.11.16	5 years
13	20 Microns Ltd.	6.10.16	5 years
14	Sumangal Enterprise	15.10.16	5 years
15	Prakshal Infotech	23.9.16	5 years
16	KDAC Chem Pvt.Ltd.	11.11.16	2 years
17	RAMP Technomation Pvt.Ltd.	12.11.16	5 years

18	NIFA Electronics Pvt. Ltd.	15.11.16	5 years
19	Jayshree Aromatics Pvt. Ltd.	19.11.16	2 years
20	VR software systems Pvt.ltd.	15.11.16	5 years
21	TECSO Global	17.11.16	2 years
22	Infostretch corporation India Pvt Ltd.	30.12.16	5 years
23	Abscon Technology	25.3.17	2 years
24	J P Extrusion Tech Ltd.	31.3.17	2 years
25	Standard Casting	29.6.17	5 years
26	Sujay Engineers	8.7.17	5 years
27	Engineering Technique	28.7.17	5 years
28	US Institute of 3D Technology	19.8.19	5YEARS
29	Avadh Industries	5.10.19	3 Years

17. LoA and subsequent EoA till the current Academic Year

    Displayed on our website

18. Best Practices adopted, if any
    An effective connected model to improve the quality of teaching and learning is being adopted which includes the following process:
    - Planning & adherence to academic calendar
    - Course Delivery
    - Continuous learning assessment
    - Support to weak and bright students
    - Monitoring through -Academic Audits by DAC,IQAC
    - Proctorial System.
    - Professional activities -Skill Development and Technical awareness program.
    - Feedback from stake holders and action taken
    - The course delivery is meticulously planned, delivered, monitored by the dept. through the course coordinator, DAC and the Head of Department.
    - The course coordinator prepares the course file which includes course outcomes, lesson-plan, and course materials well in advance to the commencement of the semester.
    - The course outcomes and lesson plan written by the course instructors are checked by the DAC and HOD and are deliberated in the DAC meetings.
    - The DAC comprises faculty members having expertise in specific domains.
    - The course plan prepared by the faculty is shared among the student through e-mail and e-platform before the commencement of the semester.
    - The course plan and adherence to plan is continuously monitored by the HOD.

The course coordinators use the following instructional methods: -

1. Chalk and Black board
2. Power point presentation
3. Demonstration of concepts
4. Seminars by students
5. Group assignments &discussions
6. Peer learning
7. Mini/Major projects
8. Google Classrooms

Apart from the listed methods, the students are initiated and motivated to learn from group activities such as group discussion, in-house internships, workshops conducted in the dept.The students are encouraged and supported with learning through MOOC, NPTEL courses, Spoken tutorials-IIT Bombay. The students are taken to international tech. exhibition in relevant domains for an update of modern tools and technologies. The course material, laboratory manual, question bank, power point presentation prepared by the course coordinator/instructor is shared with the students as and when necessary.

- Technical quiz is conducted for the students.
- Industrial visits are conducted at least once a year to reduce the gap between industry and institute.
- Workshops are organized to help the students to understand concepts beyond curriculum.
- The Babaria Institute of Technology always had the culture of encouraging bright students by providing them necessary guidance and moral support.
- The Institute also gives scholarship to students under various schemems like vidhvayojana, kuldipakyojana, BetiPadhao , DhandhukaTaluka apart from various government schemes.
- Class Toppers are given certificate and cash prize.

Innovative Methods adopted by Faculty

1. Syllabus, Question banks, Assignments are made available of all subjects of each semester on institute Portal regularly and the same is also circulated to the students via mail.
2. Faculty Encourage students to take part in different Technical and Non-Technical Events.
3. Bright Students are awarded with cash prize for their results in every semester.
4. Awardee student's data are updated timely to encourage other students.
5. Easy access of the study materials is enriched.
6. The documents available in the institution website are easily accessible.
7. Students are provided easy access for University papers, GATE Materials, Reference Hand book, Journals and
8. NPTEL Courses as extensive learning and Assignments-Students are motivated and supported to take up MOOC courses and NPTEL courses in order to enhance learning.
9. SWAYAM platform is introduced to all students and students are encouraged to enroll respective courses.
10. Spoken Tutorials for skill development- The Electrical Engineering department in collaboratively conducts spoken tutorials for enhancing communication skill.
11. In-house training for Skill Development and technical proficiency-The dept. organizes inhouse training during the period of each semester in the areas of Robotics, for which the department. has tied up and developed E -Yantra lab collaborated with IIT Mumbai.
12. Department have organized special "Skill" classes for students to make them ready for Industry in collaboration with private industry partner.

13.   Interactive learning through google classrooms and google forms for quiz- Faculty members involve the students to an active learning mode through google classrooms and conduct analytical quiz through google forms.

14.   Simulation based learning for theoretical concepts and use of latest tools- The students are encouraged for simulation based learning for better understanding of the subject.

15.   Faculty encourage the use of community websites like GitHub, Open source Hardware and Software while carrying out student projects.

16.   Project based and self learning- Students are encouraged to group in the various domains of Electrical like VLSI, Artificial Intelligence, Embedded Systems etc., take up research related projects as per industrial requirements contributing to the society at large.

17.   Students are exposed to latest developments through regular visits to industry and exhibitions and encourage to take part in Startup activities.

18.   All the classroom is equipped with projectors for understanding the topic in better way by showing animation images and videos.

19.   Aids like text books, auxiliary materials and university question banks are provided.

20.   Open book test to improve analytical and critical thinking skills of the subject.

21.   Static and Working Models are available in laboratories.

22.   Science Direct and Virtual Lab access is provided by the institute for the stakeholder's benefits from anywhere in the campus at any time from http://www.sciencedirect.com/.

23.   Class coordinators, course in-charges, mentors and the head of the department ensure that the study materials are dispatched to the student.

24.   Currently the library holds over 4325 titles, 24912 Volumes, 7050 journals, provides access to Electronic Resources (Science Direct & Elsevier, newspapers and business magazines.

25.   Institute is also having the membership of professional societies like ISTE, DELMET and SPE.

26.   Some faculty havetheir own web page on which they share course material, notes etc (http://www.sites.google.com/site/prmankad) , (http://imrky.blogspot.com/)

27.   The institute follows a well-established system of mentoring for students to enhance their academic pursuits and all round development

28.   In order to give a global exposure to students Babaria Institute of Technology has MOUs with Carleton University , Nova Southern University, University of North Alabama and University of Murcia. Students are deputed for two to three weeks for short term programs. Hence our students also take up higher studies abroad with univeristies of repute.

29.   The institute also focuses on developing the entrepreneurial spirit in students by organizing startup camps, demo days, pitching sessions, patent filing session in co-ordination with Gujarat Technological University

30.   The institute has signed MOUs with Wadhwani Foundation, Entrepreneurship Development Cell and carries out activities for students interested in developing entrepreneurship

31.   Gujarat Technological University and Government of Gujarat has awarded student startup and innovation policy under which the institute gets grants from time to time.

32.   The Fablab has been established by the institute to motivate students to work on innovative projects with the help of SSIP and the management of the institute

30. In order to motivate students towards innovative thinking the institute has held two hackathons one at institute level and the other at state level which was held for 900 students awarded to us by Gujarat Knowledge Society

31 .The institute has been awarded three stars by the Gujarat State Institute Ranking framework for accomplishments in various fields.

32.Centre for Entrepreneurship, Technology Innovation and Business acceleration has been awarded to our institute from ministry of small and medium scale industry.

33. The institute promotes a culture of innovation and research and hence motivates faculty to attend conferences, seminars and publish papers in journals of repute.

34.The institutes focuses on giving a very neat and hygienic environment to students and staff and

takes due care on providing all amenities for the same.

35. To fulfill our responsibility towards society as a whole we have a very vibrant NSS unit which has won many awards for its outstanding work from Gujarat Technological Society and its work is appreciated by all adjoining villages.

36. The institute also conducts one day workshops in schools and apprises students on the latest trends in the field of engineering and technology. We also arrange for their project display to motivate in the field on science and technology and interact with the principals of the schools.

37. The institute has MOUs with more than thirty industry partners and industry organization which ensures students exposure to industry scenario.

38. The alumni network of our institute is also strong and to this effect we arrange alumni meet every year and also when our students go for short term courses we arrange alumni meet in that country as well.

Note: Suppression and/or misrepresentation of information shall invite appropriate penal action. The Website shall be dynamically updated with regard to Mandatory Disclosures

Attachment 1

Babaria Institute of Technology, Varnama, Vadodara

List of Research Publication in PG: Electronics and Communication (Communication System Engineering)

Author Name	Ttile	Year	Journal /Confrence
Khyati Zalawadia ,Helly Shah	Traffic Detection and Diversion System: Case Study	Vol. 4, Issue 11, November 2015	International Journal of Emerging Technologies and Innovative Research
Khyati Zalawadia ,Vaishanavi Patel	COMPARATIVE STUDY ON NON-LINEAR ARTIFICIAL NEURAL NETWORK EQUALIZATION TECHNIQUES	2017	INTERNATIONAL JOURNAL FOR SCIENCE AND ADVANCE RESEARCH IN TECHNOLOGY
Bhargavi Talsariya ,Hetal Pathak	Comparative analysis for 1 and 2 element dual polarized mimo patch antanna	Vol. 4, Issue 11, November 2016	ICMARS- confrence
Bhargavi Talsariya ,Hetal Pathak	Dual polarized mimo patch antanna for Wi fi Application	Nov-2016	International Journal of Innovative Research in Computer and Communication Engineering
Rajkumar Patel,Rita Aggarwal	Advanced System Of Toll Tax Collection Using 12 Digit Unique Identity	2107	International Journal for Science and Advance Research In Technology
Twinkle Paramar, Jaymin Bhalani	Drowsiness Detection for Drivers Using Image Processing	2017	International Journal of Innovative Research in Computer and Communication Engineering
Bijal Patel,Purvi Zaveri	Notification And Sorting System In Mail Service	2017	International Journal Of Innovative And Emerging Research In Engineering
Rachana Gandhi,Twinkle Doshi	Based microwave bandpass passive filter	2017	International Journal Of Innovative And Emerging Research In Engineering
Jaymin Bhalani, Khusbhu Darji	Implementation of Hybrid Approach Based Compressive Sensing Algorithm for Image Reconstruction	Vol. 4, Issue 2, pp: (126-131), Month: April - June 2016,	International journal of Electrical and Electronics Research
Jaymin Bhalani, Khusbhu Darji	HYBRID APPROACH FOR DIGITAL IMAGE REconstruction using compressive sensing	Volume 2, Issue 12 JETIR (ISSN-2349-5162) December 2015	Journal of Emerging Technologies and Innovative Research (JETIR)
Nidhi Joshi,Hetal Pathak	MIMO Sector Antenna for WIFI Application	vol.3,Issue11,Nov-2015	IJIRCCE
Ashwini D Pandhare and Khyati Zalawadia	Performance Analysis of LMS Adaptive Beamforming Algorithm for Smart Antenna System	179(28):34-37, March 2018	International Journal of Computer Applications
Alakh Patel,Jaymin Bbalani	A Review on in Field Cotton Recognition for Cotton Harvesting Robot based on Image Processing	179(28):34-37, March 2018	International Journal of Computer Applications
Raghu Shakil ,Saurbh Shah	Real time Face tracking and Identification for Surveillance System	2018	International Journal of Scientific Research in Science, Engineering and Technology, March-April 2018
Mrugank Arekar,Hetal Pathak	A Review on Four Degrees of Freedom (DOF) Wireless Robotic Arm based on LabVIEW Software	2018	International Journal of Computer applications-Vol-180-No.29,

List of Research Publication in PG: Mechanical (Advance Manufacturing System)

Author Name	Ttile	Year	Journal /Confrence
Bhavendra Chauhan, Pallavi Agarwal, Sachin Daxini	A Review On The Conventional And Wire-Electro Discharge Machining Of Titanium And Its Alloys	2017-18	International Journal of Recent Scientific Research Vol. 9, Issue, 3 (J)
Maulik C. Majmundar, Zulfiquar Ansari	Design for disassembly to attain sustainability: Analyzing the past and proposing further research opportunities	2017-18	IUP Journal of Supply Chain Management, Vol. XV, No. 2, pp. 37-76
Deep Patel, Vyomesh Buch	Drilling of Glass Fiber Reinforced Polymer Composite : Review	2017-18	International Journal of Recent Scientific Research Vol. 9, Issue, 3 (J),pp-25059-25062, March 2018
Negi Anjali, Mandar Sumant	Review of lean-green manufacturing practices in SMEs for sustainable framework	2018-19	Int. J. Business Innovation and Research
Negi Anjali, Mandar Sumant	Study of Mechanical and Structural properties of PCL/TCP	2016-17	Proceedings of 2nd International Conference on Emerging Trends in Mechanical Engineering,
Chintan Jayswal, Mandar sumant	Review of Lean Manufacturing Philosophy in Manufacturing SMEs to Identify Critical Success Factors	2017-18	Proceedings -4th International conference on Industrial Engineering, ICIE 2017
Milan Modha, Mandar Sumant	A Literature Review on Drivers and Barriers of Green Manufacturing in Indian / Global SME's	2017-18	Proceedings -4th International conference on Industrial Engineering, ICIE 2017

List of Research Projects in PG: Electronics and Communication (Communication System Engineering)

Year -2019-20

Sr No.	Enrollment No.	Name of student	Research Project Title	Internal Guide
1	180050705001	Patel Prachi	Slotted Planar Antenna with defected ground structure for wireless application	Dr.T.V.Doshi
2	180050705002	Shruti Sonawane	DESIGN AND ANALYSIS OF FPC(FLEXIBLE PRINTED CIRCUIT) ANTENNA FOR LORA FREQUENCY 865-867 MHZ APPLICATION	Dr.H.M.Pathak
3	180050705003	Solanki Sona Dansinh	DISCERNMENT OF CYBER ATTACK FOR DATA SECURITY IN NETWORK.	Dr. Jaymin Bhalani
4	180050705004	Vekariya Mansi Dineshlal	DESIGN AND DEVELOPMENT OF MICROSTRIP PATCH ANTENNA FOR WIMAX AND WLAN	Dr.K.R.Zalawadia

Year -2018-19

Sr No.	Enrollment No.	Name of student	Research Project Title	Internal Guide
1	160050705001	MANE SANDIP BAPOO	DESIGN AND DEVELOP SUBSTATION AUTOMATION SYSTEM (SAS) USING IEC61850 STANDERD	Dr.T.V.Doshi
2	160050705002	MRUGANK AREKAR	Four DOF(Degree of Freedom) wireless Robotic Arm based on Lab VIEW.	Dr.H.M.Pathak
3	160050705003	PANSHARE ASHWINI DAGADU	Performance analysis of blind and non blind algorithm for Adaptive beam forming.	Dr.K.R.Zalawadia
4	160050705004	PATEL ALAKH RAJESHBHAI	Cotton Flower Picking Machine Based On Machine Vision Technique	Dr. Jaymin Bhalani

Year 2016-17

Sr No.	Enrollment No.	Name of student	Research Project Title	Internal Guide
1	150050705001	PARMAR TWINKALBAHEN ARVINDBHAI	Drowsiness detection for drivers using image processing methods	Dr. Jaymin Bhalani
2	50050705002	PATEL BIJAL JAYESHBHAI	INTELLIGENT BUILDING AUTOMATION SYSTEM	Prof.Purvi Zaveri
3	150050705003	Patel Vaishnaviben Shaileshbhai	IOT BASED MACHINE HEALTH MONITORING SYSTEM USING GPRS	Dr.Khyati Zalawadia
4	150050705004	RACHANA NILESHBHAI GANDHI	TO DESIGN PCB BASED 2.45 GHZ MICROWAVE BANDPASS PASSIVE FILTER WITHOUT TUNING ELEMENT	Dr.Twinkle Doshi
5	150050705005	RAGHU SHAKIL FARUK	FACE RECOGNIZATION ATTENDANCE SYSTEM WITH OPEN GATE	Prof. Saurabh Shah
6	150050705006	Rajkumar Bhaneshbhai Patel	Advanced TTMS (Toll Tax Managemnt System) for tagged vehicles with IoT	Prof. Rita Aggarwal
7	150050705007	TALSANIYA BHARGAVIBEN ASHOKBHAI	To design 2.4-2.5 GHz dual polarized MIMO square patch antenna	Dr.Hetal Pathak
8	150050705008	THAKOR JAYDEEP DEVU BHAI	design and devlopment of Solid state RF Power supply For Plasma Application	Prof. Saurabh Shah

Year 2015-16

Sr No.	Enrollment No.	Name of student	Research Project Title	Internal Guide
1	140050705001	Khushbu Darji.	DESIGN AND DEVELOPMENT OF ON-BOARD SOLID STATE RECORDER(FOR LEO SATELLITE	Dr.JayminBhalani
2	140050705003	HELLY K.SHAH	INTELLIGENT TRAFFIC CONTROL AND DIVERSION SYSTEM	Prof.Khyati Zalawadia

3	140050705005	Mohit Vagadiya	HV POWER SUPPLY FOR MAGNETRON WITH ADVANCE SAFETY CONTROL.	Prof. Twinkle Doshi
4	140050705006	Khushboo Patel	Malicious Attacks in AODV-Based MANETs	Dr. Pooja Chauhan
5	140050705007	Deepali shrivastava	voice analysis based diseases identification using speechrecognition	Prof. Saurabh Shah
6	140050705008	Nidhi Joshi	MIMO SECTOR ANTENNA	Prof.Hetal Pathak

Attachment 2

List of Research Projects in PG: Mechanical (Advance Manufacturing System)
2015-16

Sr No.	Name of student	Enrollment No.	Internal Guide	Title
1	SONI DHRUV DIPAKKUMAR	140050750001	PRITESH R. PATEL	AN EXPERIMENTAL INVESTIGATION AND PARAMETRIC STUDY OF ABRASIVE WATER JET CUTTING PROCESS
2	GHELANI PAVANKUMAR RAVJIBHAI	140050750002	UJAWALA S. SALUNKHE	AN EXPERIMENTAL STUDY AND PARAMETRIC ANALYSIS OF ULTRASONIC MACHINING ON PTFE
3	Patel Savan Girishbhai	140050750003	Vipul R. Patel	EXPERIMENTATION AND PARAMETRIC ANALYSIS OF LASER CUTTING PROCESS ON LOW CARON STEEL
4	SHAH GAURAV SANJAYKUMAR	140050750005	Arpan Shah	INVESTIGATION OF THE EFFECT OF FUSED DEPOSITION PROCESS PARAMETERS ON COMPRESSIVE STRENGTH AND ROUGHNESS OF ABS-M30 MATERIAL

2016-17

Sr No.	Name of student	Enrollment No.	Internal Guide	Title
1	MAKWANA AMITKUMAR DHANJIBHAI	150050750002	Prof. Vipul Patel	AN EXPERIMENTAL INVESTIGATION OF ULTRASONIC WELDING ON THERMOPLASTIC MATERIAL
2	Negi Anjali	150050750003	Prof. Mandar Sumant	ASSESSING FRAMEWORK FOR SUSTAINABLE LEAN-GREEN MANUFACTURING PRACTICES IN SMEs USING FUZZY AHP
3	Patel Dravya	150050750005	Dr. Pallavi Agarwal	Effect of input parameters on 304ss with SiC as avrassive using Abrassive jet machining - Drilling operation
4	Ketul Patel	150050750006	Dr. Pallavi Agarwal	EFFECT OF PROCESS PARAMETERS ON MRR OF STRUCTURAL STEEL USING PLASMA ARC CUTTING

List of Research Projects in PG: Mechanical (Advance Manufacturing System)

2017-18

Sr No.	Name of student	Enrollment No.	Internal Guide	Title
1	CHAUHAN BHAVENDRASINH RAMKARANSINH	160050750002	Dr. PALLAVI H. AGARWAL	EFFECT OF PROCESS PARAMETERS ON MRR OF TI-6AL-4V-ELI USING WIRE EDM
2	JAYSWAL CHINTANKUMAR RAJESHBHAI	160050750004	Prof. Mandar Sumant	IDENTIFCATION AND PRIORITIZATION OF CRITICAL SUCCESS FACTORS FOR LEAN MANUFACTURING IN MANUFACTURING SMEs
3	Maulik Chabilbhai Majmundar	160050750006	Prof. Zulfiquar Ansari	DEVELOPMENT OF PERFORMANCE MEASUREMENT MODEL FOR "DESIGN FOR DISASSEMBLY" IN MANUFACTURING INDUSTRIES.
4	Meda Paravinkumar Rasulbhai	160050750007	Prof. Pritesh Patel	EXPERIMENTAL INVESTIGATION OF ULTRASONIC WELDING ON CFRP MATERIAL
5	Milan Modha	160050750008	Prof. Mandar Sumant	IDENTIFICATION AND VALIDATION OF DRIVERS AND BARRIERS IN GREEN MANUFACTURING OF SMALL AND MEDIUM SIZED ENTERPRISES
6	Mulchandani Dhaval Prakashkumar	160050750009	Prof. Nilesh Patel	EXPERIMENTAL INVESTIGATION ON SURFACE ROUGHNESS AND KERF ANGLE FOR ABRASIVE WATER JET CUTTING OF CERAMIC USING DOE
7	Patel Deep	160050750010	Prof. Vyomesh Buch	EXPERIMENTAL INVESTIGATION ON HIGH SPEED DRILLING OF GLASS FIBER REINFORCED POLYMER COMPOSITE
8	Patel Jignesh Balchandra	160050750012	Prof. Raghvendra Darji	OPTIMIZATION OF POWDER MIXED EDM FOR IMPROVEMENT OF MRR AND SURFACE FINISH ON INCONEL 718
9	Shah Dhruv Vipulkumar	160050750014	Prof. Pritesh Patel	PRODUCTIVITY IMPROVEMENT BY IMPLEMENTING LEAN MANUFACTURING TOOLS IN MANUFACTURING INDUSTRY

2018-19

Sr No.	Name of student	Enrollment No.	Internal Guide	Title
1	Makwana Hiren Pankaj	170050750002	Dr. Pallavi Agarwal	Experimental investigation on HSS with molybdenum wire in WEDM
2	MILIND KHODE	170050750003	Prof. Pritesh Patel	Experimental Investigation of Aluminium Foam with WEDM Using Zinc Coated Brass Wire
3	Nikunj Gamit	170050750004	Prof. Ashish Chaudhari	Experimental Investigation on Metal Matrix Composite (MMC) using Electro-discharge machining (EDM)
4	Rathwa Jitendra	170050750005	Prof. Mamta P Patel	INVESTIGATION OF CHILL PERFORMANCE IN SAND CASTING OF DUCTILE CAST IRON
5	Singh Suraj Ashok	170050750007	Prof. Nilesh Patel	Performance Analysis of Powder Mixed EDM for TWR & MRR of Inconel 718

List of Research Projects in PG: Mechanical (Advance Manufacturing System)

2019-20

Sr No.	Name of student	Enrollment No.	Internal Guide	Title
1	KHAN ASHIF SHAMIM	180050750001	MR. ASHISH CHAUDHARY	Experimental investigation of friction stir welding on AA8090
2	PATEL NAND BHAVINBHAI	180050750002	MR. NILESH PATEL	OPTIMIZATION OF PROCESS PARAMETER FOR AL5052 WITH MOLYBDENUM WIRE IN WEDM
3	VADDORIYA JAYMINKUMAR ZAVERBHAI	180050750003	MR. PRITESH PATEL	Experimental investigation of process parameters in Plasma Arc Cutting of SAF2507