**DHANRAJ BAID JAIN COLLEGE**

**(Autonomous)**

**P.G.Dept. of Computer Science**

**MANDATORY DISCLOSURE**

**[ 2019 – 2020 ]**

**DHANRAJ BAID JAIN COLLEGE**

**(Autonomous)**

Mandatory Disclosure for MCA Programme

Mandatory Disclosure : updated on 19.02.2019

1. AICTE File No. : TN-65/MCP-CS/98(NEW)
Date & Period of Last approval : 30.3.2017 & 2017-2018

 2. Name of the Institution : DHANRAJ BAID JAIN COLLEGE

[AUTONOMOUS]

 Address of the Institution : Jyothi Nagar, I.T.Corridor,

 Rajiv Gandhi Salai,

Thorapakkam, Chennai.

 City & Pin Code : Chennai – 600 097.

 State / UT : Tamil Nadu

 Longitude & Latitude : Longitude – 80E & Latitude – 12N

 Phone number with STDcode : 044 - 24964209

 FAX number with STD code : 044 - 24963435

 Office hours at the Institution : 9.3 0 a.m – 5.00 p.m

 Academic hours at the Institution : 8.45 a.m – 1.30 p.m

 Email : dbjainmca@yahoo.co.in

 mca@dbjaincollege.org

 Website : [www.dbjaincollege.org](http://www.dbjaincollege.org)

 Nearest Railway Station

(dist in km) : Thiruvanmiyur (5 km)

 Nearest Airport (dist in km) : Meenambakkam (25 km)

 3. Type of Institution : Government Aided

 Category (1) of the Institution : Jain Minority Institution

 Category (2) of the Institution : Co-Education

 4. Name of the organization running

 the Institution : DHANRAJ BAID JAIN COLLEGE

[AUTONOMOUS]

 Type of the organization : Trust

 (Tamil Nadu Educational and Medical Trust)

 Address of the organization : No.8, Lynwood Lane, Mahalingapuram,

 Post office Compound, Nungambakkam,

 Chennai – 600 034.

 Registered with : T.Nagar, SRO, Chennai.

 Registration date : 06.01.1972

 Website of the organization : [www.dbjaincollege.org](http://www.dbjaincollege.org)

5. Name of the affiliating University : University of Madras

 Address : Centenary Building,

 Chepauk, Chennai – 600 005.

 Website : [www.unom.ac.in](http://www.unom.ac.in)

 Latest affiliation period : 2018 - 2019

6. Name of the Principal : Dr. Pankaja R.P

 Exact Designation : Principal

 Phone number with STD code : 044 - 24960889

 FAX number with STD code : 044 - 24963435

 Email : dbjainmca@yahoo.co.in

 Highest Degree : Ph.D

 Field of specialization : Sanskrit

7. Governing Body Members :

 1. Dr. Harish L Metha, Chairman

 2. Prof. K.K.Vashishtha, UGC Niminee

 3. Shri. M.Lalchand Munoth, Member

 4. Shri. Jaswant Munoth, Member

 5. Shri. R.Dayachand Savansukha, Member

 6. Shri. Dharmendra Savansukha, Member

 7. Shri. S.Mahaveer Chand Jain, Member

 8. Shri. J.Pukhraj Jain, Member

 9. Shri. K.Vinaychand Galada, Member

 10. Shri. L.Uday Metha, Member

 11. Shri. K.Subashchand Ranka, Member

 12. The Joint Director of Collegiate Education,

 Chennai Region, GOVERNMENT NOMINEE

 13. Dr.R.Meganathan, University Representative

14. Dr.M.Sakthivel Murugan, Member

 15. Dr. Pankaja R.P, Principal, Member Secretary

 Frequency of meetings : Yearly twice

8. Academic Council Members :

1. Dr. Harish L Metha, Secretary (Admin)
2. Thiru. Jaswant Munoth, Secretary (Academic &Finance)
3. Dr. Pankaja R.P, Principal - Chairman
4. Dr. M.Sakthivel Murugan, Professor-in-Charge
5. Prof K. Gubendiran,. HOD of Economics
6. Dr. K.Minraj, HOD of Co-operation
7. Dr. R.Desingurajan, HOD of Physical Education
8. Dr. M.Rajesh, Dept. of Corporate Secretaryship
9. Dr. S.Balaji, HOD of Computer Science
10. Prof. Benita Selvakumari, HOD of English
11. Prof. A.Vijayalakshmi, HOD of Tamil
12. Dr.B.Jagadhesan, Department of Computer Science
13. Prof.V.Karunakaran, Asst. Co-ordinator (Shift II)
14. Dr.E.Viswanathan, NCC Officer
15. Thiru. D.S.Luther, Educationist
16. Thiru. C.A.V.Murali, Chartered Accountant
17. Dr. Grace Rathnam, Principal, C.L.Baid Metha College of

Pharmacy, Chennai – 600 097.

1. Dr. V.Madha Suresh - University Nominee
2. Dr.T.V.S Padmaja - University Nominee
3. Thiru. G.K.Ashok, Librarian
4. Thiru. S.Ganapathy – Asst. Academic Co-ordinator
5. Dr.Elangovan –HOD of Visual Communication

 Frequency of meetings & date

 of last meeting : Yearly twice & 14.2.2019

9. Organisational Chart & Processes :

**CHAIRMAN**

**SECRETARY**

**(ADMINISTRATION)**

**&**

**SECRETARY**

**(ACADEMIC& FINANCE)**

 **COLLEGE COMMITTEE**

**GOVERNING COUNCIL**

**PRINCIPAL**

**H.O.D**

**TEACHING STAFF**

**ADMINISTRATIVE STAFF**

**TECHNICAL STAFF**

**LIBRARIAN**

**Nature and Extent of involvement of faculty and students in academic**

**affairs/improvements**

The management of Dhanraj Baid Jain College provides an excellent working and academic atmosphere for the faculty. They are given freedom in the execution of academic work and facilities are provided for carrying out research work. Staff are encouraged to pursue higher education like Ph.D. degree. Regular management review meetings are held with the HOD’s

to involve them in the various decisions.

Frequent staff meetings are held for the staff to discuss their ideas and voice their opinions.

10. Student feedback mechanism on

 Institutional Governance/Faculty

 performance :

**Mechanism/Norms & Procedure for democratic/good Governance**

 The staff of the department report to the HOD any difficulty faced regarding classes, student behavior etc., The HOD in turn discuss with the Principal. The students are given proper instruction and rules frame work to adhere to. A student council is formed by students through nomination process. The council conducts various sports and cultural events and represents student body to the Principal. The students are encouraged to participate in various inter college programs and attend conferences and seminars.

**Student Feedback on Institutional Governance/faculty performance**

Feedback is obtained from students regularly to improve efficiency of staff members. A sample feedback is attached.

**FEEDBACK FROM ALUMNI**

I had a very good experience while studying in Dhanraj Baid Jain College. The staffs are so skilled and friendly apart from the curriculum they give periodical counseling to the students. The labs are so well equipped. We had a very good exposure during inter and intra departmental activities. The library is well equipped with up-to date books.

 **Mahaprabu. B (2015-2018 Batch)**

11. Grievance redressal mechanism

 of faculty, staff and students :

**For students:** Staff incharge assigned for the class. Staff meet students frequently address students. Principal & HOD regularly address the problem of students.

**For Faculty & Staff:** Principal and HOD regularly address the problem of staff

and faculty. Regular staff meetings are held and recorded.

Department meetings with HOD also held on regular basis.

12. Name of the Department : P.G.Department of Computer Science

 Course : Master of Computer Application

 Level : P.G

 1st Year of approval by the Council : 1999

 Year wise Sanctioned intake :

|  |  |  |
| --- | --- | --- |
| 2016-17 | 2017-18 | 2018-19 |
| 60 | 60 | NIL |

 Year wise Actual Admissions :

|  |  |  |
| --- | --- | --- |
| 2015-16 | 2016-17 | 2018-19 |
| 12 | 11  |  NIL |

 Cut off marks – General quota : As per Tamil Nadu Govt. norms

 % students passed with Distinction :

|  |  |  |
| --- | --- | --- |
|  2012-15 |  2013-16 |  2014-17 |
| 20% | 22% | 18% |

 % students passed with First Class :

|  |  |  |
| --- | --- | --- |
|  2012-15 |  2013-16 |  2014-17 |
| 95%  | 92%  | 94% |

 Students Placed : Nil
 Average Pay package, Rs./Year : \_\_

 Students opted for Higher Studies : Nil

 Accreditation Status of the course : Re-Accredited with “B+” Grade by NAAC

 Doctoral Courses : No

 Foreign Collaborations, if any : N.A

 Professional Society Memberships : N.A

 Professional activities : N.A

 Consultancy activities : N.A

 Grants fetched : N.A

 Departmental Achievements : 1. Department produced 100% results from

 the year 2009 & 2010 onwards.

2.Best outgoing students were selected from final

 year MCA (male & female) and honoured in the

 College Day.

 Distinguished Alumni :

1. Mr.R.Thiruneeteswaran,

 Architect – Technology,

 Cognizant Technology Solutions,

 Chennai.

1. Mr.M.Manikandan,

Technical Consultant,

Logica Systems,

Chennai

1. Mr.J.Anbumani,

 Technical Lead,

 Tata Consultancy Services,

 Chennai.

1. Ms.R.Gayathri Devi,

 Programmer,

 HCL Technologies,

 Chennai.

1. Mr.G.Anandraj,

Software Engineer,

HCL Technologies,

Chennai.

13. Name of the Teaching Staff : Annexure - I

14. Admission quota

 Entrance test / admission criteria : TANCET Entrance Test conducted by

Govt. of Tamil Nadu

 Cut off / last candidate admitted : As per University of Madras & Govt. of

 Tamil Nadu norms

 Fees in rupees : Rs.50,000/- P.A

 Number of Fee Waivers offered :

1. B.Mahaprabhu – III Year MCA
2. M.Manimegalai – III Year MCA
3. B.Selvi – II Year MCA

 Admission Calendar : August every year

 PIO quota : N.A

15. Infrastructural information

 Class room/Tutorial room facilities : No. of Class rooms : 3

 Size of each : 57.76 sqm

 No. of Tutorial room : 1

 Size of room : 82 sqm

 Laboratory details : No

 Computer Centre facilities : No. of Computer Centre : 1

 Size of room : 174 sqm

 Library facilities : No. of Library : 1

 Size of room : 164 sqm

 Auditorium /Seminar Halls/Amphi : No. of Seminar Hall : 1

 Size of room : 256 sqm

 Cafeteria : No. of Cafeteria : 1

 Size of room : 256 sqm

 Indoor Sports facilities : **1) Badminton : 1**

 One shuttle Badminton Indoor stadium by

 20 x 20 mtrs.

 **2) Valley Ball Court :** 2

 For Men & Women separately available

 **3) Throw Ball Court :** 1

 For women available

 Outdoor Sports facilities : **1) Cricket Ground** : 4

 50 x 60 M Ovals

 **2) Tennis Court** : 3

 3 clay Tennis courts are available, separate

 Change room & wash room are available

 Gymnasium facilities : Multi Gym with A/C available : 1

 Size of room : 1000 Sft.

 Facilities for disabled : No

 Any other facilities : 200 mtrs. Concrete Skating Range is available

16. Boys Hostel : One

 Girls Hostel : One

 Medical & other Facilities at Hostel : available

17. Academic Sessions :

 Examination system, year/Sem : Semester System (Odd & Even)

 Period of declaration of results : 15 days from the date of completion of Examinations

18. Counseling / Mentoring :

 Career Counseling :

 Medical facilities : One – Health Centre Available

 Student Insurance : All the students are covered under Insurance Scheme

 of Apollo Shine Foundation

19. Students Activity Body :

 Cultural activities :

 Sports activities : B.Mahaprabu, N.Sathish Kumar, E.Ambika &

 K.Dhanushiya of III Year MCA students won many

prizes in various sports activities.

 Literary activities : Best Library user

 B.Mahaprabu – III Year M.C.A

D.Saranya - III Year M.C.A

 Magazine / Newsletter : **Magazines :**

 International – 12, National – 12, others - 12

 **Newsletter** - 7

 Technical activities / Tech Fest : Annexure - II

Industrial Visits / Tours : Industrial Visit organised by Kaashiv Info Tech,

Chennai on 12.7.2017, Spiro Solutions Pvt. Ltd.,

Chennai on 19.7.2017 & UST Global Technologies, Chennai on 8.9.2017 for I, II & III Year MCA Students.

 Alumni activities : Proposed to conduct Alumni Meet in the

 Year end.

20. Name of the Information Officer

 for RTI : Dr.M.Sakthivel Murugan

 Designation : Professor in-charge

 Phone number with STD code : 044 - 24960889

 Fax number with STD code : 044 - 24963435

 E-mail ID : murugan\_57@yahoo.com

 ***ANNEXURE - I***

**DHANRAJ BAID JAIN COLLEGE – (AUTONOMOUS)**

**M.C.A DEPARTMENT**

**LIST OF TEACHING STAFF**

|  |  |  |
| --- | --- | --- |
| **S.No.** | **Staff Name** |  **Qualification**  |
| 1. | Dr. S.Balaji | M.C.A., M.Phil., M.B.A., Ph.D |
| 2. | Dr. B.Jagadhesan | M.C.A., M.Phil., M.B.A., Ph.D. |
| 3. | Dr. K.Rajasekaran | M.C.A., M.Phil., Ph.D. |
| 4. | Prof. M.Karthik | M.C.A., M.Phil., |
| 5. | Prof. P.Saravanan | M.Sc., M.Phil., |
| 6. | Prof. S.Bhuvaneswari | M.Sc., M.Phil., |
| 7. | Prof. Durga Siddharth | M.C.A., M.Phil., |
| 9. | Prof. S.Vijaya Bharathi | M.C.A., M.Phil., |
| 10. | Prof. V.Karunakaran | M.Sc., M.Phil., MLIS., |
| 11. | Dr. M.Rajesh  | M.Com., M.Phil., M.B.A., Ph.D |

PROFILE OF FACULTY

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**1. Name : Dr. S.Balaji**

**2. Date of Birth : 31.05.1975**

**3. Educational Qualification : M.C.A., M.Phil., M.B.A., Ph.D**

**4. Work Experience**

|  |  |  |  |
| --- | --- | --- | --- |
| **Teaching** | **Research** | **Industry** | **others** |
| **18 Years 3 Months** | **---** | **1 Year** | **---** |

**5.Area of Specializations:-**

 **Algorithm – Data Structures**

**6. Subjects Teaching:-**

|  |  |
| --- | --- |
| **P.G Level** | **U.G.Level** |
| 1. **Algorithm**
2. **Data Structures**
 | 1. **Graphics**
2. **Operating Systems**
 |

**7.Research guidance:- M.Phil**

**8.No of papers published in**

|  |  |  |
| --- | --- | --- |
| **National Journals** | **International Journals** | **Conferences** |
| 04 | 06 | 04 |

 **9. Projects Carried out:- Nil**

**10.Patents:- Nil**

**11.Technology Transfer:\_Nil**

**12.No. of Books Published with details :-Nil**

PROFILE OF FACULTY



**1. Name : Dr.B. Jagadhesan**

**2. Date of Birth : 20.06.1975**

**3. Educational Qualification : M.C.A., M.Phil., M.B.A., Ph.D.,**

**4.Work Experience**

|  |  |  |  |
| --- | --- | --- | --- |
| **Teaching** | **Research** | **Industry** | **others** |
| **18 Years 5 months** | **--** |  **---** | **---** |

**5.Area of Specializations:-**

 **Network & Multimedia**

**6. Subjects Teaching:-**

|  |  |
| --- | --- |
| **P.G Level** | **U.G.Level** |
| **1. Professional Ethics &** **Human Values****2. Computer Networks** | 1. **Data Structures & Algorithm**
2. **‘C’ and C++**
 |

**7.Research guidance:- M.Phil**

**8.No of papers published in**

|  |  |  |
| --- | --- | --- |
| **National Journals** | **International Journals** | **Conferences** |
| --- | --- | 07 |

 **9. Projects Carried out:- Nil**

**10.Patents:- Nil**

**11.Technology Transfer:\_Nil**

**12.No. of Books Published with details :-Nil**

PROFILE OF FACULTY



**1. Name : Prof. M.Karthik**

**2. Date of Birth : 23.05.1979**

**3. Educational Qualification : M.C.A., M.Phil.,**

**4.Work Experience**

|  |  |  |  |
| --- | --- | --- | --- |
| **Teaching** | **Research** | **Industry** | **others** |
| **10 Years 5 Months**  | **---** |  **---** | **---** |

**5.Area of Specializations:-**

 **Web Technology**

**6. Subjects Teaching:-**

|  |  |
| --- | --- |
| **P.G Level** | **U.G.Level** |
| 1. **Web Technology**
2. **Asp. Net**
3. **DBMS**
 | 1. **Web Technology**
2. **C++**
3. **‘C’**
 |

**7.Research guidance:- M.Phil**

**8.No of papers published in**

|  |  |  |  |
| --- | --- | --- | --- |
| **National Journals** | **International Journals** | **Conferences** | **Seminars** |
| --- | 03 | 03 | 03 |

 **9. Projects Carried out:- Nil**

**10.Patents:- Nil**

**11.Technology Transfer:\_Nil**

**12.No. of Books Published with details :-Nil**

PROFILE OF FACULTY



**1. Name : Dr. K.Rajasekaran**

**2. Date of Birth : 11.05.1975**

**3. Educational Qualification : M.C.A., M.Phil., P.hD.**

**4.Work Experience**

|  |  |  |  |
| --- | --- | --- | --- |
| **Teaching** | **Research** | **Industry** | **others** |
| **17 Years 4 Months** | **---** |  **---** | **3 Years** |

**5.Area of Specializations:-**

 **Computer Graphics**

**6. Subjects Teaching:-**

|  |  |
| --- | --- |
| **P.G Level** | **U.G.Level** |
| 1. **Computer Graphics**
2. **Computer Architecture**
3. **Digital Logic Fundamentals**
 | 1. **Data Structure**
2. **Programming in ‘C’**
 |

**7.Research guidance:- M.Phil**

**8.No of papers published in**

|  |  |  |
| --- | --- | --- |
| **National Journals** | **International Journals** | **Conferences** |
| 04 | 04 | 15 |

 **9. Projects Carried out:- Nil**

**10.Patents:- Nil**

**11.Technology Transfer:\_Nil**

**12.No. of Books Published with details :-Nil**

PROFILE OF FACULTY

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**1. Name : Prof. S.Bhuvaneswari**

**2. Date of Birth : 21.12.1981**

**3. Educational Qualification : M.Sc., M.Phil.,**

**4.Work Experience**

|  |  |  |  |
| --- | --- | --- | --- |
| **Teaching** | **Research** | **Industry** | **others** |
|  **10 Years 2 Months**  | **---** |  **---** |  **---** |

**5.Area of Specializations:-**

 **Data Mining, Java**

**6. Subjects Teaching:-**

|  |  |
| --- | --- |
| **P.G Level** | **U.G.Level** |
| 1. **Microprocessor**
2. **Software Engineering**
3. **Computer Algorithm**
4. **ERP**
 | 1. **Information Technology**
2. **Web Technology**
3. **VB**
4. **‘C’**
5. **C++**
 |

**7.Research guidance:- Nil**

**8.No of papers published in**

|  |  |  |
| --- | --- | --- |
| **National Journals** | **International Journals** | **Conferences** |
| 05 | 01 | 07 |

 **9. Projects Carried out:- Nil**

**10.Patents:- Nil**

**11.Technology Transfer:\_Nil**

**12.No. of Books Published with details :-Nil**

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PROFILE OF FACULTY

**1. Name : Prof. P.Saravanan**

**2. Date of Birth : 07.06.1977**

**3. Educational Qualification : M.Sc., M.Phil.,**

**4.Work Experience**

|  |  |  |  |
| --- | --- | --- | --- |
| **Teaching** | **Research** | **Industry** | **others** |
| **13 Years 2 months** | **---** |  **---** |  **---** |

**5.Area of Specializations:-**

 **Data Warehouse and Data Mining**

**6. Subjects Teaching:-**

|  |  |
| --- | --- |
| **P.G Level** | **U.G.Level** |
| 1. **Data Warehouse and**

**Data Mining**1. **System Programming**

 | 1. **Programming in ‘C’**
2. **C++**
3. **DBMS**
4. **Software Engineering**
5. **DLF**
 |

**7.Research guidance:- M.Phil**

**8.No of papers published in**

|  |  |  |
| --- | --- | --- |
| **National Journals** | **International Journals** | **Conferences** |
|  04 |  06 | 15 |

 **9. Projects Carried out:- Nil**

**10.Patents:- Nil**

**11.Technology Transfer:\_Nil**

**12.No. of Books Published with details :-Nil**

PROFILE OF FACULTY

****

**1. Name : Prof. Durga Siddharth**

**2. Date of Birth : 16.03.1978**

**3. Educational Qualification : M.C.A., M.Phil.,**

**4.Work Experience**

|  |  |  |  |
| --- | --- | --- | --- |
| **Teaching** | **Research** | **Industry** | **others** |
| **10 Years 7 months** | **---** |  **---** | **---** |

**5.Area of Specializations:-**

 **C++, Operating System, Web Technology**

**6. Subjects Teaching:-**

|  |  |
| --- | --- |
| **P.G Level** | **U.G.Level** |
| 1. **Operating System**
2. **Web Technology**
3. **Networks**
 | 1. **C++**
2. **Operating System**
3. **Computer Diploma in Business**
 |

**7.Research guidance:- Nil**

**8.No of papers published in**

|  |  |  |
| --- | --- | --- |
| **National Journals** | **International Journals** | **Conferences** |
|  03 |  01 |  07 |

 **9. Projects Carried out:- Nil**

**10.Patents:- Nil**

**11.Technology Transfer:\_Nil**

**12.No. of Books Published with details :-Nil**

PROFILE OF FACULTY

**1. Name : Prof. S.Vijaya Bharathi**

**2. Date of Birth : 11.05.1977**

**3. Educational Qualification : M.C.A., M.Phil.,**

**4.Work Experience**

|  |  |  |  |
| --- | --- | --- | --- |
| **Teaching** | **Research** | **Industry** | **others** |
| **11 Years 3 Months**  | **\_\_**  | **\_\_\_**  | **\_\_\_**  |

**5.Area of Specializations:-**

 **Networks, Cloud Computing**

**6. Subjects Teaching:-**

|  |  |
| --- | --- |
| **P.G Level** | **U.G.Level** |
| **1. Data Mining & Warehousing****2. Software Engineering****3. Programming in Java** | 1. **C++ & Java**
2. **Data Structures & Algorithms**
3. **E-Commerce**
 |

**7.Research guidance:- NIL**

**8.No of papers published in**

|  |  |  |
| --- | --- | --- |
| **National Journals** | **International Journals** | **Conferences** |
| 03 | ---  |  04 |

 **9. Projects Carried out:- Search Engine, Accounts Management System**

**10.Patents:- NIL**

**11.Technology Transfer:- NIL**

**12.No. of Books Published with details :- NIL**

PROFILE OF FACULTY



**1. Name : Prof. V.Karunakaran**

**2. Date of Birth : 03.11.1974**

**3. Educational Qualification : M.Sc., M.Phil., MLIS.,**

**4.Work Experience**

|  |  |  |  |
| --- | --- | --- | --- |
| **Teaching** | **Research** | **Industry** | **others** |
| **15 Years 8 months** | **--** |  **---** | **---**  |

**5.Area of Specializations:-**

 **Operation Research**

**6. Subjects Teaching:-**

|  |  |
| --- | --- |
| **P.G Level** | **U.G.Level** |
| 1. **Operation Research**
2. **Discrete Maths**
3. **Numerical Analysis**
 | 1. **Operation Research**
2. **Mechanics**
 |

**7.Research guidance:- Nil**

**8.No of papers published in**

|  |  |  |
| --- | --- | --- |
| **National Journals** | **International Journals** | **Conferences** |
| -- | -- | 05 |

 **9. Projects Carried out:- Nil**

**10.Patents:- Nil**

**11.Technology Transfer:\_Nil**

**12.No. of Books Published with details :-Nil**

PROFILE OF FACULTY

**1. Name : Dr..M.Rajesh**

**2. Date of Birth : 20.08.1975**

**3. Educational Qualification : M.Com., M.Phil., M.B.A,PhD**

**4. Work Experience:-**

|  |  |  |  |
| --- | --- | --- | --- |
| **Teaching** | **Research** | **Industry** | **others** |
| **16 Years** | **2 Years** | **---** | **---** |

**5. Area of Specializations:-**

 **Marketing**

**6. Subjects Teaching:-**

|  |  |
| --- | --- |
| **P.G Level** | **U.G Level** |
| 1. **Cost & Management**

**Accounting** 1. **Accounting and Financial**

**Management** | **1. Corporate Accounting****2. Income Tax** |

**7. Research guidance: NIL**

**8. No of papers published in**

|  |  |  |
| --- | --- | --- |
| **National Journals** | **International Journals** | **Conferences** |
| **05** | **02** | **02** |

**9. Projects Carried out:- NIL**

**10. Patents:- NIL**

**11. Technology Transfer:\_ NIL**

**12. No. of Books Published with details:- NIL**