

Sponsored Industrial Research

Following six (05) teachers had undertaken sponsored industrial Research Projects for a total amount of **Rs. 6,55,080/-**

- 1) Mr. A.S. Nerurkar
Dept of Microbiology
Faculty of Science
The M.S. University of Baroda
Duration: 6 Months
Rs. 1,55,000/-
University Sharing Rs. 20,250/-

Subject: Microbiological and Molecular Identification of Clostridium SPP from Gelatin samples of **Raymon Patel Gelatin Pvt Ltd. Anand**
Request to grant permission for the research project sent on 10-02-2014
Permission granted for the research project (No. ADE6/3193) on 12-03-2014
Permission to appoint Project Fellow under Institutional Consultancy project (No. ADE6/398) on 16-06-2014
Completed

- 2) Mr. J.R. Mehta
Dept of Mechanical Engg
Faculty of Technology & Engineering
The M.S. University of Baroda
Duration: 12 Months
Rs. 50,080/-
University Sharing Rs. 5,680/-

Subject: Investigation of Direct and Indirect Evaporative Cooling at Vadodara with **M/s Techno Consultancy, Vadodara**
Request to grant permission for the research project sent on 02-07-2014
Rs. 50,080/- deposited in University Receipt No. 1502 Date: 02-07-2014
Permission granted for the minor research project (No. GCU/R & C/3/584) on 26-08-2014
Going on

- 3) Dr. Upendra D. Patel
Dept of Civil Engineering
Faculty of Technology & Engineering
The M.S. University of Baroda
Duration: 6 Months
Rs. 1,00,000/-
University Sharing Rs. 15,000/-

Subject: COD removal from secondary treated wastewater for improvement of Evaporator performance with **M/S Deepak Nitrite Ltd, GIDC-Dahej, Dist-Bharuch**
Request to grant permission for the research project sent on 23-07-2014
Rs. 50,000/- deposited in University Receipt No. 1600 Date: 23-07-2014
Rs. 50,000/- deposited in University Receipt No. 2814 Date: 30-04-2015
Permission granted for the Industry-sponsored Minor Research Project (No. ADE6/1160) on 24-09-2014
Going on

- 4) Dr. J.R. Mehta
Dept of Mechanical Engg
Faculty of Technology & Engineering

The M.S. University of Baroda
Duration: 12 Months
Rs. 51,000/-
University Sharing Rs. 7,500/-

Subject: Investigation on air-liquid contacting devices with **Creation Cooling Towers, Vadodara**

Request to grant permission for the research project sent on 08-08-2014
Rs. 51,000/- deposited in University Receipt No. 1643 Date: 08-08-2014
Permission granted for the Institutional Consultancy Project (No. ADE6/2177/543) on 22-01-2015
Going on

- 5) Mr. Navnit K. Prajapati
Dept of Pharmacy
Faculty of Technology & Engineering
The M.S. University of Baroda
Duration: 2 Years
Rs. 2,99,000/-
University Sharing Rs. 39,000/-

Subject: Synthesis and biological evaluation of some Benzazepine derivatives for Alzheimer's Disease with **Apicore Pharmaceuticals Pvt. Ltd. , Vadodara**

Request to grant permission for the research project sent on 05-03-2015
Rs. 2,99,000/- deposited in University Receipt No. 2308 Date: 05-03-2015
Permission granted for the Institutional Consultancy Project (No. ADE6/3535/39) on 08-04-2015
Going on

Research Project Sponsored by M.S. University of Baroda **(2015-2018)**

- 1 **Name:** Mr. Rajnikant Makwana **Sex:** M **Department:** Physics **Faculty:** Science
Title of the Project: Studies of Neutron and photon induced reaction
Qualification: M. Sc., Ph. D. Cont. **Designation:** Assistant Professor
Email: rajniipr@gmail.com **Mobile:** 9601777019 **Duration:** 2 Yrs
- 2 **Name:** Mr. Kiran J Nakum **Sex:** M **Department:** Chemistry **Faculty:** Science
Title of the Project: Mesomorphic studies of novel azo – pyrazolone derivatives mesogens:
Synthesis and characterisation
Qualification: M. Sc **Designation:** Assistant Professor **Budget:** 1,00,000/-
Email: kirannakum1990@gmail.com **Mobile:** 8140663411 **Duration:** 3 Yrs
- 3 **Name:** Mr. Divyesh Kantilal Patel **Sex:** M **Department:** Chemistry **Faculty:** Science
Title of the Project: Synthesis, anticancer and antioxidant activity of the newly benzothiazole analogs
Qualification: M. Sc, Ph. D. **Designation:** Assistant Professor **Budget:** 1,00,000/-
Email: dkpatel111984@hgmail.com **Mobile:** 8980132509 **Duration:** 3 Yrs

- 4 **Name:** Mr. Ravinayak Patlavath **Sex:** M **Department:** Botany **Faculty:** Science
Title of the Project: Unraveling Touch Induced Stress Responses in *Cajanus cajan*: Implicating Role of TCH Genes
Qualification: M. Sc, B. Ed. **Designation:** Assistant Professor **Budget:** 1,00,000/-
Email: ravi.nayak-botany@msubaroda.ac.in **Mobile:** - **Duration:** 3 Yrs
- 5 **Name:** Dr. Bablu Prasad **Sex:** M **Department:** Environmental Studies **Faculty:** Science
Title of the Project: "Design and development of a rotating biological disc contact reactor (RBDRCR) containing immobilized *Variovorax* sp. BSI for the treatment of mixture of phthalate esters"
Qualification: Ph. D. **Designation:** Assistant Professor **Budget:** 99,900/-
Email: akashganga812@gmail.com **Mobile:** 7623850109 **Duration:** 3 Yrs
- 6 **Name:** Dr. Mudit D. Mankad **Sex:** M **Department:** Geography **Faculty:** Science
Title of the Project: Estimation of residential property values as a function of its location using GIS – A Case Study of Gotri Area of Vadodara, Gujarat
Qualification: M. Sc., Ph. D., PG B. Sc (Applied) GIS and RS **Designation:** Assistant Professor
Budget: 55,000/-
Email: muditmankad@gmail.com **Mobile:** 8141365348 **Duration:** 2 Yrs
- 7 **Name:** Ms. Arpita S. Desai **Sex:** F **Department:** Chemistry **Faculty:** Science
Title of the Project: "Synthesis and study of novel supramolecular chemosensors"
Qualification: M. Sc. Organic Chemistry Ph. D. **Designation:** Assistant Professor
Budget: 1,00,000/-
Email: arpitasdesai@rediffmail.com **Mobile:** 9725076677 **Duration:** 3 Yrs
- 8 **Name:** Mr. Jehova Lalmalsawm Darngawn **Sex:** M **Department:** Geology **Faculty:** Science
Title of the Project: Sedimentology and Sequence Stratigraphy of Mesozoic sediments of Khadir Island, Island belt zone, Kachchh, Gujarat
Qualification: M.Sc. with NET **Designation:** Assistant Professor **Budget:** 1,00,000/-
Email: jjfaiheng@gmail.com **Mobile:** 8460585402 **Duration:** 3 Yrs
- 9 **Name:** Dr. Jaquilin K. Joseph **Sex:** F **Department:** Petroleum Geology **Faculty:** Science
Title of the Project: ICHNOLOGY OF THE JURASSIC SEDIMENTS OF WAGAD HIGHLAND, EASTERN KACHCHH, INDIA
Qualification: M.Sc., Ph.D. **Designation:** Assistant Professor **Budget:** 1,00,000/-
Email: jaquilinjoseph@gmail.com **Mobile:** 9904454193 **Duration:** 2 Yrs
Teaching experience UG: 1 Years 2 months PG: 1 Years 4 months **Research experience:** 3 Years 4 months
Papers Published: 12 **Accepted:** 2 **Communicated:** 0 **Books Published:** 0

- 10 Name:** Mr. Manthan A. Tailor **Sex:** M **Department:** Environmental Studies **Faculty:** Science
Title of the Project: Spatio – temporal variations in nutrient concentrations and their effects on a freshwater reservoir of Vadodara District, Gujarat
Qualification: M.Sc. Environment Management, PG Diploma in Disaster Management
Designation: Assistant Professor **Budget:** 96,000/-
Email: manthantailor@gmail.com **Mobile:** 9016509653 **Duration:** 3 Yrs
- 11 Name:** Dr. Hetal Roy **Sex:** F **Department:** Zoology **Faculty:** Science
Title of the Project: Modulation of ALK gene in neuroblastoma regression
Qualification: M.Sc., M. Phil, Ph.D. **Designation:** Assistant Professor **Budget:** 1,00,000/-
Email: royhetal@yahoo.com **Mobile:** 9924428489 **Duration:** 1.5 Yrs
- 12 Name:** Ms. Priyanka Kumari **Sex:** F **Department:** MRID **Faculty:** Fine Arts
Title of the Project: Revitalization of Traditional Woven Craft of Gujarat “MASHRU”
Qualification: Master of Textile Designing **Designation:** Assistant Principal Professor
Budget: 1,20,000/-
Email: priyanka8kumari@gmail.com **Mobile:** 8511863269 **Duration:** 3 Yrs
- 13 Name:** Ms. Shanta Sarvaiya **Sex:** F **Department:** Sculpture **Faculty:** Fine Arts
Mr. Rutvij Mistry **Sex:** M **Department:** Sculpture **Faculty:** Fine Arts
Title of the Project: Documentation of contributions and achievements of Gurus of Sculpture Department
Qualification: MVA Sculpture **Designation:** Assistant Professor **Budget:** 1,30,000/-
Email: shanta3111@gmail.com **Mobile:** 9898445038 **Duration:** 3 Yrs
Email: rutvijmistry@gmail.com **Mobile:** 9898351789 **Duration:** 3 Yrs
- 14 Name:** Mr. Ajay Kumar Kanwal **Sex:** M **Department:** Sculpture **Faculty:** Fine Arts
Title of the Project: Outdoor Stainless steel kinetic sculpture
Qualification: Master Degree in Sculpture **Designation:** Assistant Professor
Budget: 1,21,000/-
Email: ajay.kanwal33@gmail.com **Mobile:** 9898458086 **Duration:** 1 Yr
- 15 Name:** Ms. Anju Pawar **Sex:** F **Department:** Ceramic and Glass Design **Faculty:** Fine Arts
Title of the Project: Developing a Range of Colored Clay Body
Qualification: P.G Diploma in Ceramic Designer **Designation:** Assistant Principal Designer
Budget: 1,14,000/-
Email: 11anjupawar@gmail.com **Mobile:** 9825437397 **Duration:** 3 Yrs

- 16 Name:** Dr. Pritesh Y. Shukla **Sex:** M **Department:** Commerce & Business Management
Faculty: Commerce
Title of the Project: A study on Consumer's Attitude towards Online Shopping with reference to Vadodara City
Qualification: B.E., M.B.A., Ph. D. **Designation:** Assistant Professor (CES) **Budget:** 50,000/-
Email: drpriteshshukle@gmail.com **Mobile:** 7405127273 **Duration:** 2.2 Yeras
- 17 Name:** Dr. Sangita Agrawal **Sex:** F **Department:** Business Economics **Faculty:** Commerce
Title of the Project: Internet Banking in Rural India – Development, Evaluation and Challenges
Qualification: M.A., M.Com, M. Phil, Ph.D. **Designation:** Assistant Professor **Budget:** 1,00,000/-
Email: sangitaagrwal@yahoo.co.in **Mobile:** 9998979546 **Duration:** 3 Yrs
- 18 Name:** Dr. Shradha Budhedeo **Sex:** F **Department:** Business Economics **Faculty:** Commerce
Title of the Project: Internet Banking Sector: Performance Analysis of Public and Private Sector Banks
Qualification: B.A., M.Com, Ph.D. **Designation:** Assistant Professor **Budget:** 1,27,000/-
Email: shradhamsu@gmail.com **Mobile:** 9924063600 **Duration:** 3 Yrs
- 19 Name:** Dr. Rupali S. Ambadkar **Sex:** F **Department:** Accounting & Financial Management
Faculty: Commerce
Title of the Project: Capital Structure and Profitability of Foreign Direct Investment Companies in the Indian Manufacturing Sector
Qualification: M.Com, Ph.D., NET with JRF **Designation:** Assistant Professor **Budget:** 1,10,000/-
Email: rupali.ambadkar@gmail.com **Mobile:** 9725009549 **Duration:** 3 Yrs
- 20 Name:** Mr. Parag S. Shukla **Sex:** M **Department:** Commerce & Business Management
Faculty: Commerce
Title of the Project: AN EMPIRICAL INVESTIGATION OF EXPERIENTIAL VALUE VIS-A-VIS USAGE ATTITUDE OF SELECTED MOBILE SHOPPERS IN THE STATE OF GUJARAT
Qualification: M.Com, P.G.D.M.M **Designation:** Assistant Professor **Budget:** 1,00,000/-
Email: parag.shukla.msu@gmail.com **Mobile:** 9662021696 **Duration:** 3 Yrs
- 21 Name:** Dr. Neha V. Shah **Sex:** F **Department:** Commerce & Business Management
Faculty: Commerce
Title of the Project: An Experiential Study n Measurement of Medical Tourists' Satisfaction on Hospital Services in the State of Gujarat
Qualification: Ph.D. , M.B.A **Designation:** Assistant Professor **Budget:** 1,00,000/-

Email: neha_europe@yahoo.com **Mobile:** 9825740503 **Duration:** 3 Yrs

22 Name: Dr. Jyoti Achanta **Sex:** F **Department:** Business Economics **Faculty:** Commerce
Title of the Project: Exploring, Analyzing and Determining the Potential of Gender Budgeting in Vadodara: Issues and Future Strategies
Qualification: M.Com, Ph.D. **Designation:** Assistant Professor **Budget:** 95,000/-
Email: jyots2004@yahoo.co.in **Mobile:** 9427837859 **Duration:** 3 Yrs

23 Name: Mr. Suman Singh Bisht **Sex:** M **Department:** Business Economics **Faculty:** Commerce
Title of the Project: Socio-Economic Status of Construction Workers: A Case Study of Vadodara City
Qualification: M.A Economics **Designation:** Assistant Professor **Budget:** 1,05,000/-
Email: suman4049855@gmail.com **Mobile:** 7096614806 **Duration:** 3 Yrs

24 Name: Dr. Anshu Surve **Sex:** F **Department:** English **Faculty:** Commerce
Title of the Project: Pals of Baroda: A Study of Place, Culture and Identity
Qualification: M.A. (English), Ph.D. **Designation:** Assistant Professor **Budget:** 99,000/-
Email: anshubrd@gmail.com **Mobile:** 9427838363 **Duration:** 15 Yrs

25 Name: Mr. Tejas B. Patel **Sex:** M **Department:** Electrical Engineering **College:** Polytechnic
Title of the Project: Solar Inverter
Qualification: M. Tech (Electrical) (Advance Power Electronics, Machines and Drives)
Designation: Lecturer
Budget: 1,98,300/-
Email: me.tejas10@gmail.com **Mobile:** 9825558314 **Duration:** 2 Yrs

26 Name: Mr. Ashish L. Guruji **Sex:** M **Department:** Civil Engineering **College:** Polytechnic
Title of the Project: Watershed Modeling for Dang District, Gujarat
Qualification: M.E. (CIVIL, HYD.STR.) **Designation:** Lecturer **Budget:** 66,000/-
Email: sashish.guruji-polyced@msubaroda.ac.in **Mobile:** 9904222832 **Duration:** 30 months

27 Name: Dr. Shweta Jejurkar **Sex:** F **Department:** Sanskrit, Pali & Prakrit **Faculty:** Arts
Title of the Project: Travelogues In Sanskrit Literature: A Critical Survey
Qualification: Ph. D. (Sanskrit), MPA (Vocal Music) **Designation:** Assistant Professor
Budget: 1,00,000/-
Email: shwetajejurkar@gmail.com **Mobile:** 9714517101/9427849706 **Duration:** 3 Yrs

28 Name: Ms. Varda Vasa **Sex:** F **Department:** Sanskrit, Pali & Prakritit **Faculty:**
Arts

Title of the Project: A study of the Needs and Problems of the learners of Sanskrit and
Preparing a text book of communicative Sanskrit **CHANGE THE TOPIC**

Qualification: MA (Sanskrit) Ph. D. (pursuing) **Designation:** Associate Professor

Budget: 1,00,000/-

Email: varda.vasa@gmail.com **Mobile:** 9924299768 **Duration:** 3 Yrs

29 Name: Dr. Jayalaxmi Rajshekhar **Sex:** F **Department:** Social Work **Faculty:**
Social Work

Title of the Project: Assessing skill development trainings of women in Vadodara taluka

Qualification: BSW, MSW, PG. Dip in HRD & IRPM, Ph. D, NET **Designation:** Assistant
Professor (Contractual)

Budget: 1,00,000/-

Email: jaya8001@gmail.com **Mobile:** 9426369098 **Duration:** 3 Yrs

30 Name: Ms. Nida Faraqui **Sex:** F **Department:** Social Work **Faculty:** Social
Work

Title of the Project: A study of Psycho – social factors affecting Education among Adolescent
Girls' of Muslim Community in Vadodara City

Qualification: Master of Social Work (MSW), Pursuing Ph. D **Designation:** Assistant Professor
(Contractual)

Budget: 1,00,000/-

Email: nidafaruqui08@hgmail.com **Mobile:** - **Duration:** 2 Yrs

Teaching experience UG: 3 Years PG: 3 Years **Research experience:** 4
Years

Papers Published: 7 **Accepted:** 7 **Communicated:** 6 **Books Published:** NIL

31 Name: Dr. Satish Kumar **Sex:** M **Department:** Social Work **Faculty:** Social
Work

Title of the Project: Attitudes of Parents towards their Mentally Retarded Children: A Study of
Vadodara District

Qualification: MSW, NET, BED, PH.D. **Designation:** Assistant Professor **Budget:**
1,10,000/-

Email: bodla_satish@yahoo.co.in **Mobile:** 8980203745, 9467080089 **Duration:**
3 Yrs

32 Name: Dr. Purnima Pandit **Sex:** F **Department:** Applied Mathematics **Faculty:**
Technology & Engineering

Title of the Project: Detection of RBCs Infected by Malaria Using Computing Techniques

Qualification: Ph.D. **Designation:** Assistant Professor **Budget:** 1,57,689/-

Email: pkpandit@yahoo.com

Mobile: 9825356549

Duration: 3 Yrs

33 Name: Dr. Sandhya N. Dixit **Sex:** F **Department:** Applied Chemistry **Faculty:**
Technology & Engineering
Title of the Project: Synthesis and Characterization of Novel Conventional and Unconventional
Liquid Crystalline Materials
Qualification: M.Sc., Ph.D. **Designation:** Assistant Professor **Budget:** 97,000/-
Email: snddxt_20@yahoo.com **Mobile:** 9725647674 **Duration:** 3 Yrs

34 Name: Ms. Beena S. Modathi **Sex:** F **Department:** Textiles and Apparel Design **Faculty:**
Family and Community Sciences
Title of the Project: Developing an Innovative Colour Palette with Natural dyes for Traditional
Embroideries of Gujarat
Qualification: M.Sc. (Clothing & Textiles) **Designation:** Assistant Professor **Budget:**
1,15,000/-
Email: beena.santosh@yahoo.in **Mobile:** 7567953126 **Duration:** 3 Yrs

35 Name: Dr. Suneeta Chandorkar **Sex:** F **Department:** Foods & Nutrition **Faculty:**
Family and Community Sciences
Title of the Project: Impact evaluation of a flavanol rich drink on the post activity recovery
markers and oxidative stress in elite cricketers from Urban Vadodara
Qualification: Ph.D. **Designation:** Assistant Professor **Budget:** 1,00,000/-
Email: suneetacahandorkar@gmail.com **Mobile:** 94263666666 **Duration:** 1.5 Yrs

36 Name: Dr. Vikas Prajapati **Sex:** M **Department:** Physical Education **Faculty:** Physical
Education
Title of the Project: Talent Identification through Factor Analysis of Body Composition and
Physical Fitness in Young University Players
Qualification: B.P.E., M.P.E., M. Phil., Ph.D. (JRF-NET, SLET) **Designation:** Assistant Director
Budget: 40,000/-
Email: vikas.prajapati-phyedu@msubaroda.ac.in **Mobile:** 9426760702 **Duration:**
18 Months

Individual Consultancy Work

- 1) Mr. Mitulkumar Tansukhbhai Parmar Dept of Accounting & Financial Management,
Faculty of Commerce
Rs. 5000/- (Receipt No. 2590 Date 22-04-2015)
Request to permission for the renew consultancy sent on 30-04-2015
Permission accepted for outside work (No. ADE6/4316/277 Date 19-05-2015)

- 2) Dr. Umesh R. Dangarwala Dept of Commerce and Business Management, Faculty of Commerce
Rs. 10000/- (Receipt No. 2592 Date 22-04-2015)
Request to permission for the renew consultancy sent on 30-04-2015
Permission accepted for outside work (No. ADE6/4313/276 Date 19-05-2015)
- 3) Mr. Shyam Agrawal Dept of Accounting & Financial Management, Faculty of Commerce
Rs. 10000/- (Receipt No. 2591 Date 22-04-2015)
Request to permission for the renew consultancy sent on 30-04-2015
Permission accepted for outside work (No. ADE6/4315/275 Date 19-05-2015)
- 4) Mr. Yogesh J. Keshariya Dept of Accounting & Financial Management, Faculty of Commerce
Rs. 10000/- (Receipt No. 2582 Date 22-04-2015)
Request to permission for the renew consultancy sent on 05-05-2015
Permission accepted for outside work (No. ADE6/4318/274 Date 19-05-2015)
- 5) Mr. B. T. Dharmshi Dept of Accounting & Financial Management, Faculty of Commerce
Rs. 10000/- (Receipt No. 2538 Date 10-04-2015)
Request to permission for the renew consultancy sent on 05-05-2015
Permission accepted for outside work (No. ADE6/4319/273 Date 19-05-2015)
- 6) Mr. Minesh M Shah Dept of Accounting & Financial Management, M.K. Amin Arts & Science College and College of Commerce, Padra
Rs. 10000/- (Receipt No. 2581 Date 22-04-2015)
Request to permission for the renew consultancy sent on 05-05-2015
Permission accepted for outside work (No. ADE6/4311/272 Date 19-05-2015)
- 7) Mr. N.K. Ojha University Engineer, Construction Division
Rs. 3000/- (Receipt No. 3048 Date 28-05-2015)
Request to permission for the renew consultancy sent on 02-06-2015
Permission accepted for outside work (No. ADE6/4858/575 Date 07-07-2015)
- 8) Mr. Surendrasinh N Parmar
Offg. Dy. Ex. Engineer,
Construction Division
Rs. 3000/- (Receipt No. 1554 Date 27-05-2015)
Request to permission for the renew consultancy sent on 03-06-2015
Permission accepted for outside work (No. ADE6/5109/652 Date 16-07-2015)
- 9) Mr. Kalpesh Manubhai Bhavsar Dept of Mechanical Engineering, Polytechnic
Rs. 3000/- (Receipt No. 2528 Date 09-04-2015)
Request to permission for the renew consultancy sent on 10-07-2015
Permission accepted for outside work (No. ADE6/5411/772 Date 04-08-2015)
- 10) Dr. (Mrs.) Sandhya Garge Kiran Dept of Botany, Faculty of Science

Rs. 3000/- (Receipt No. 2857 Date 06-07-2015)

Request to permission for the renew consultancy sent on 10-07-2015

- 11) Mr. Vipul A. Kalamkar Dept of Statistics, Faculty of Science
Request to permission for the individual consultancy sent on 22-05-2015
Permission accepted for outside work (No. ADE6/4798/574 Date 07-07-2015)
- 12) Dr. Ahmedrazakhan S. Pathan Dept of Instrumental Music, Faculty of Performing Arts
Request to permission for the individual consultancy sent on 19-06-2015
Permission accepted for outside work (No. ADE6/5111/653 Date 16-07-2015)
- 13) Mrs. Sarika Vohara Architectural Assistant in Construction Division
Rs. 3000/- (Receipt No. 1739 Date 02-06-2015)
Request to permission for the renew consultancy sent on 26-08-2015
- 14) Prof. Arun Arya Dept of Botany, Faculty of Science
Request to permission for the individual consultancy sent on 26-08-2015