



Bishop Heber College [Autonomous]

(Nationally Reaccredited with 'A' Grade by NAAC with a CGPA of 3.58 out of 4)
("Recognized by UGC as "College of Excellence")
DST-FIST Sponsored & DBT Star College, Tiruchirappalli-620017, Tamilnadu, India



PG & RESEARCH DEPARTMENT OF CHEMISTRY



Dr. J. PRINCY MERLIN

Associate Professor Head - Department of Chemistry
Dean & Coordinator - Internal Quality Assurance Cell

Contact Details

Mobile No : 9443427625
E-Mail : department.ch@bhc.edu.in
www.bhc.edu.in/chemistry



OUR PROUD ALUMNI

MR. MANIVEL

Director, Maxi Bio Oleos Pvt.Ltd, Vadamadurai, Dindigul.

DR.RADHAMANI RAMACHANDRAN

Scientist, Atomic Energy Division, Nagpur, Maharashtra.

DR. SELVA KUMAR

Scientist, SDSC-SHAR, ISRO, Nellore, Andhra Pradesh.

MR.V.KUMARASWAMY

CEO, Kumar Enterprises, Bangalore, Karnataka.

MR. G.KESAVAN

Vice President, Cadila Health Care Ltd, Ahmedabad, Gujarat.

MR. B. AHILAN

Controller of Patents, Govt of India, Chennai.

DR. M. DANIEL

Founder & Managing Director
Dr. Ethix's Products & Services Pvt.Ltd. Chennai.

DR. V.CHIDAMABARAM

Senior Research Manager, Indian Oil Research & Development Centre, ONGC, Faridabad, Haryana

DR. S.MAHESHWARAN

Assistant Professor of Chemistry, IIT Bombay, Maharashtra.

DR. BASKAR SUNDARAJU

Associate Professor of Chemistry, IIT Kanpur, UP

DR. MAHESH SUNDARARAJAN

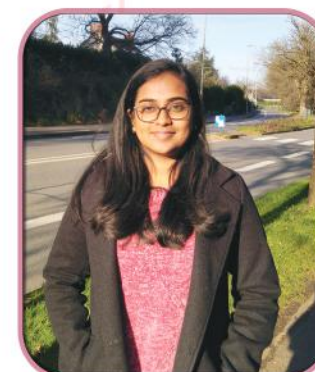
Scientific Officer, Theoretical Chemistry Section,
Bhabha Atomic Research Centre, Mumbai.

DR.KAMALAKANNA N KAILASAM

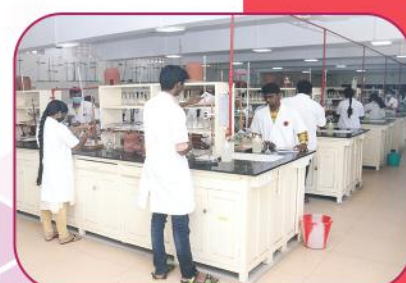
Scientist F& Professor of Chemistry,
Institute of Nano Science & Technology (INST), Mohali, Punjab.

DR.ANBUMANI SADASIVAM

Senior Scientist, CSIR- Indian Institute of Toxicology Research,
Lucknow, Uttar Pradesh



FACILITIES



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**PG & Research
Department of Chemistry**
DST - FIST Sponsored & DBT STAR Scheme

VISION OF THE DEPARTMENT

"To transform students into globally-competent graduates by providing a vibrant, Innovative and all-inclusive learning environment that fosters Values, Professional ethics and Social Consciousness".

MISSION OF THE DEPARTMENT

- To offer a quality and comprehensive curriculum
- To facilitate a competent Learning environment
- To create an Integrated Research Culture
- To foster Industry – Academia Network for education
- To inspire to Innovate

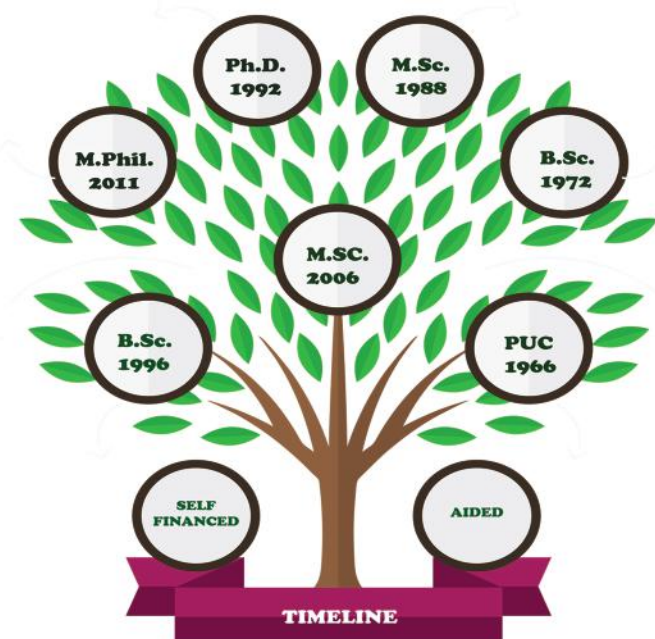
PROGRAMS OFFERED AND SCOPE

| | | |
|--------|--------------------------------------|---|
| B.Sc | 3 Years, with minimum of 140 credits | Students would acquire knowledge, skillset, to work in chemical industries and pursue higher studies. |
| M.Sc | 2 Years, with minimum of 90 credits | Students would acquire advanced knowledge in various fields of chemistry and to opt teaching jobs industry level entries and research |
| M.Phil | [PT&FT] | Program aims at enhancing capacity of students and provides platform for further research |
| Ph.D | [PT&FT] | The graduates can apply for various job roles in fields such as education , research and industry. |

UNIQUENESS

| | |
|----------------------------|---|
| * DST-FIST Sponsored | * 23 Students Pursuing Ph.D in Abroad |
| * DBT-STAR Scheme | * 20 Alumni Pursuing Ph.D in top ranking org. |
| * 2 Patents, 1-Filed | * 18 University Toppers |
| * 2 MoUs Signed | * 30 Students Cleared CSIR-NET/GATE |
| * 27 Students Pursuing PhD | * 16 Students Cleared IIT-JAM |

RECRUITERS



OPPORTUNITIES

- * Chemist in Quality Control
- * Academic Researcher
- * Research Scientist
- * Analytical Chemist
- * Medicinal Chemist
- * Sanitary Inspector
- * Patent Officer
- * Scientific Writer
- * Teachers in School & Higher Education
- * Product Process Development Officer
- * Industrialist
- * Educationalist
- * Forensic Officer

AWARDS AND RECOGNITIONS

- * DST-FIST Sponsored
- * DBT-STAR
- * Five Star Department
- * Best Researchers Awards - 6
- * Best NSS Officer Award - 1
- * RBPT National Level Trainer - 1
- * DST-WoS - 2
- * Journal Publications - 152
- * PhDs Completed - 51
- * Highest Citation Index - 1968
- * Highest Impact Factor - 13.7
- * Highest h-index - 27
- * Funded Projects - 25
- * Papers presented in Conferences - 164
- * Chapter contribution in books - 4
- * International Conference Organized - 6
- * Best Paper/Poster Awards - 32
- * Internships - 582
- * University Rank Holders (2017-22) - 10

STAFF PROFILE

| | |
|-------------------------|---------------|
| * Qualified Teachers | : 31/33 (94%) |
| * Teachers with PhD | : 27 (82%) |
| * Teachers with PDF | : 7 (21%) |
| * Teachers with NET/SET | : 18 |
| * Research Supervisors | : 10 |

PROGRAMS LEADING TO NEXT LEVEL

B.Ed

M.Ed

MSc/MS/
Phd/PDF

MBA

THRUST AREAS OF RESEARCH

Energy
Storage Devices

Sensor and
Supercapacitors

Photodegradation

Green Synthesis

Computatuional
Chemistry

Adsorption
Dymnatics

Corrosion Studies

Environmental
Remediation



Industrial Visit



STIR-Workshop



Central Institute-Visit



Association



Parent Teachers Meet

Department Activities