

PROFORMA FOR MANDATORY DISCLOSURE OF INFORMATION ABOUT ACCREDITED PROGRAMMES BY INSTITUTIONS TO BE INCLUDED IN THEIR RESPECTIVE INFORMATION BROCHURE, DISPLAYED ON THEIR WEBSITE AND TO BE SUBMITTED TO NBA EVERY YEAR WELL BEFORE THE ADMISSION PROCESS.

The following information is to be published in the information Brochure besides being hosted on the institution's official Website as fixed content.

Name of the Programme : M.Pharm (Pharmaceutical Chemistry)
B. Pharm

Approved intake : M. Pharm 10 + 2 (QIP)
B. Pharm 100 +15NRI students

Fees charged (per annum) in Rs. :

	Management	Govt.
B. Pharm	90.000/-	-
M. Pharm	2.00.000/-	1.5 lakhs

Pass percentage during the last 5 years:

	2004-05	2005-06	2006-07	2007-08	2008-09
B. Pharm	89.8	90.3	88	97.84	-
M. Pharm	100	100	100	100	100

Teacher Student ratio :

	B.Pharmacy	M.Pharmacy
Theory	1: 60	1: 12
Practical	1: 20	1: 12

No. of Faculty Members :

Cadre	Number
Professor	: 2
Asst. Professor	: 3
Lecturer	: 5

Faculty Profile :

Qualification	No. of Faculty
PhD	: 2
Post Graduate	: 8
Under Graduate	: -

Experience of Faculty :

Number of Faculty with	
Less than 5 years	: 2
5 to 10 years	: 4
More than 10 years	: 4

Details of individual faculty members : Name, Photograph, Date of Birth, Qualifications, Professional Experience, Research Interests.
(Enclosed)

Industrial Consultancy, Research and Development (during the past 5 years)
:

Amount of Industrial Consultancy earned (in lakhs of Rupees)	: 18.1lakhs
No. of sponsored research projects completed	: 1
No. of Patents produced	: 3 are filed
No. of sponsored research projects in progress	: 4
No. of papers published in International journals	: 60
No. of papers published in National journals	: 30
No. of papers presented in International Conferences/ Seminars	: 6
No. of papers presented in National Conferences/Seminars	: 26
No. of International Conferences conducted	: Nil
No. of National Conferences conducted	: Nil
No. of Training Programmes / Short Term Courses conducted	: 3

Placement Record for the previous year :

No. of Companies who visited the Campus	: Nil
Names and Details of companies who visited the campus along with No. of Students placed	: Nil

Number of Students placed through campus recruitment : Nil

Maximum salary drawn (in Rs.) : Nil

Average salary drawn (in Rs.) : Nil

Budget Allocation for the Programme (in Rs.) :

Recurring : 60.00/- lakhs

Non Recurring : 65.00/- lakhs

Maintenance of equipments : 9.00 /- lakhs

New initiatives and future vision, if any:

Because of our flexibility, our department is developing and standardizing newer and simpler methods of *invitro* activity screening of substances. In the future it has been envisioned to come out with a candidate compound from both synthetic and natural sources using Molecular Modeling and Natural-product isolation techniques.

Note : Suppression and / or misrepresentation of information would attract appropriate penal action.

FACULTY PROFILE

Name : Dr. S. Sankar

Date of Birth : 13.05.1966

Highest Qualification : M.Pharm; Ph.D

Academic Performance : B.Pharm Second class
M. Pharm First class
Ph.D -

Date of Joining : 02.09.1987

Status on date of joining : Lecturer

Salary on date of joining : 2200 /-

Present Status : Professor

Salary as on date : 55,103 /-

No. of promotions since

Date of joining : Two

Professional Experience : 21 Years

Achievement since date of joining

FD	R&D	No. of Publications		Teaching awards	Books/ Monographs	Conf/ Seminars attended	Extra curricular activities	Admin.
		N	Int					
-	-	1	8	-	-	9	Patent cell co ordinator, EDP- Coordinator	-

No of Project Guided

UG level : 10

PG level : 17

Interested fields : Antineoplastic drugs, drugs affecting reproductive physiology

Name : Dr. M.J.N. Chandrasekar

Date of Birth : 05.06.1965

Highest Qualification : Ph.D.

Academic Performance : B.Sc First class
M.Sc. First class

Date of Joining : 01.07.1990

Status on date of joining : Lecturer

Salary on date of joining : 8,000/-

Present Status : Professor

Salary as on date : 54500/-

**No. of promotions since
date of joining** : Two

Professional Experience : 18 Years

Achievement since date of joining

FD	R&D	No. of Publications		Teaching awards	Books/ Monographs	Conf/ Seminars attended	Extra curricular activities	Admin.
		N	Int					
-	1	10	3	1	-	01	Bio safety committee, DBT Nominee	-

No of Project Guided

UG level : 5

PG level : 17

PhD : 06

Interested fields : Polymeric Drug Delivery system

: Herbal Drugs

FACULTY PROFILE

Name : Md. Afzal Azam
Date of Birth : 02-08-1963
Highest Qualification : M. Pharm.
Academic Performance : B.Pharm. First class
M. Pharm. First class
Date of Joining : 01.07.1988 to April 1996 & then 10-10-2005
Status on date of joining : Lecturer
Salary on date of joining : 8,000/-
Present Status : Asst.Professor
Salary as on date : 39,388/-
No. of promotions since date of joining : One
Academic Experience : 11 Years
Achievement since date of joining

FD	R&D	No. of Publications		Teaching awards	Books/ Monographs	Conf/ Seminars attended	Extra curricular activities	Admin.
		N	Int					
-	-	9	3	-	-	01	-	-

No of Project Guided

UG level : 3
PG level : 11
Interested fields : Heterocyclic Chemistry

FACULTY PROFILE

Name : **R.Kalirajan (alias) Manivannan**

Date of Birth : 23.07.1972

Highest Qualification : M.Pharm

Academic Performance : B.Sc. (chem) - First class

B.Pharm. - First class

M.Pharm. - First class

Date of Joining : 06.07.2006

Status on date of joining : Asst.Professor

Salary on date of joining : 21,670 /-

Present Status : Asst.Professor

Salary as on date : 43,170/-

No. of promotions since

date of joining : Nil

Professional Experience : 10Years

Achievement since date of joining

FD	R&D	No. of Publications		Teaching awards	Books/ Monographs	Conf/ Seminars attended	Extra curricular activities	Admin.
		N	Int					
-	-	-	12	-	-	4	Cultural committee	-

No of Project Guided

UG level : 7

PG level : 5

Interested fields : Medicinal Chemistry

FACULTY PROFILE

Name : B. R. Prashantha Kumar

Date of Birth : 12.06.1974

Highest Qualification : M.Pharm, PGDB

Academic Performance : B.Pharm First class
M.Pharm First class
PGDB First class

Date of Joining : 19.04.2004

Status on date of joining : Lecturer

Salary on date of joining : 14,000 /-

Present Status : Assistant Professor

Salary as on date : 39,000/-

No. of promotions since date of joining : One

Professional Experience : 6.0 Years

Achievement since date of joining

FD	R&D	No. of Publications		Teaching awards	Books/ Monographs	Conf/ Seminars attended	Extra curricular activities	Admin.
		N	Int					
-	-	5	15	-	-	2	-	-

No of Project Guided

UG level : 7 Batches

PG level : 13

Interested fields : Synthetic Chemistry/ Drug Designing for various targets

FACULTY PROFILE

Name : B. Gowramma

Date of Birth : 25.05.1974

Highest Qualification : M.Pharm

Academic Performance : B.Pharm First class
M.Pharm Distinction

Date of Joining : 19.07.2006

Status on date of joining : Lecturer

Salary on date of joining : 14,630 /-

Present Status : Lecturer

Salary as on date : 26,153 /-

No. of promotions since

date of joining : Nil

Professional Experience : 08 Years

Achievement since date of joining

FD	R&D	No. of Publications		Teaching awards	Books/ Monographs	Conf/ Seminars attended	Extra curricular activities	Admin.
		N	Int					
-	-	1	7	-	-	6	-	-

No of Project Guided

UG level : 1

PG level : 2

Interested fields : Analytical and Synthetic Chemistry

List of Publication :

1. Dr. S. Sankar:

National: 1

1. Comparative molecular similarity indices analysis for predicting anti-HIV activity of phenyl ethyl thiourea (PET) derivatives. Veerasamy Ravichandran, B. R. Prashantha Kumar, Sundaram Sankar and Ram Kishore Agrawal, *Medicinal Chemistry Research*, 17, 1 (2008)

International: 8

1. Predicting anti-HIV activity of 1,3,4-thiazolidinone derivatives: 3D-QSAR approach, V. Ravichandran, B.R. Prashantha Kumar, S. Sankar and R.K. Agrawal, *European Journal of Medicinal Chemistry*, 44, 1180 (2009).
2. Microwave induced Synthesis and Antimicrobial activity of some Thiazine derivatives of 2-substituted Benzimidazoles, R.Kalirajan, A.Justin, S.S.Dinesh Narayanan, G.Venkatesh, S.Sankar, K.Elango, *International Journal of Pharma Research*, Vol.2(2), Jan-jun 2009, 39-41.
3. Synthesis and diuretic evaluation of some Theophylline derivative, S.Jubie, R.Kalirajan, B.Gowramma, S.Sankar, K.Chandraprakash and B.Suresh, *International J.of Chemical Sciences*, 5(5), 2223(2007)

4. Design and evaluation of ethyl cellulose sustained release matrix tablets of Thiophylline, D.Nagasamy Venkatesh, S.Sangeetha, MK.Samantha, S.Sankar, B.Suresh, *International J.Pharm.Sci.nanotech.*, 1(1), 60(2008)
5. Nano particles: A review, D.Nagasamy Venkatesh, S.Sangeetha, MK.Samantha, S.Sankar, S.Karthick, B.Suresh *Asian J.of Pharm.Clin.Res.*, 1(2), 1(2008)
6. Solid dispersions: A unique technique to improve the aqueous solubility of poorly soluble drugs- D.Nagasamy Venkatesh, S.Sangeetha, MK.Samantha, S.Sankar, K.Elango, *Int.J.Pharm.Res.* 1(1), 5, (2008)
7. Development and invitro evaluation of sustained release matrix tablets of Theophylline using hydrophilic polymer as release retardant, D.Nagasamy Venkatesh, N.Jawahar, GNK.Ganesh, R.Suresh kumar, V.Senthil,

MK.Samantha,S.Sankar,K.Elango, Int. J Pharma Sci. & Nanotech,2(1),370,(2009)

8. Design and invitro evaluation of Alginate beads of Aceclofenac, D.Nagasamy Venkatesh, S.Sangeetha,Jawahar,R.Suresh kumar,S.Karthick,M.Umesh,RM.Valliappan,R.Vasantha Suresh, MK.Samantha,S.Sankar,B.Suresh,Adv.Pharmacol.Toxicol.,10(1),17, (2009)

2. Dr.MJN.Chandrasekar :

National : 10

1. Determination of Bergenin in Caesalpinia Digyna by HPLC. M.J.N. Chandrasekar, R.Srinivasan, T.Somesh, N.Mahadevan, M.J.Nanjan And B. Suresh, Natural products: An Indian JI,(1-2),1, **2005**.
2. Determination of Bergenin in Caesalpinia Digyna Rottlu by RP-HPLC method. M.J.N. Chandrasekar, R.Srinivasan, R.Gopinath, M.J.Nanjan and B. Suresh, Analytical Chem., An Indian JI., 2, 2006.
3. Chemoprotective effect of phyllanthes maderaspatensis against cisplatin induced nephro and genotoxicity.M.J.N.Chandrasekar, Praveen Bommu, M.J. Nanjan and B.Suresh, Pharmaceutical Biology, Vol. 44(2), 2006, 100-106.
4. Synthesis, antitubercular and antimicrobial activity of some 3-aryl-(4-(4'-(2'' – ,6''-dichlorophenyl) amino/benzyl carbaxamido-5-mercapto-1,2,4- triazoles, Indian Journal of Heterocyclic chemistry, M.J.N.Chandrasekar,GurubasavrajV.Pujar,K.V.Manohar, H.Udupi,M.N.Purohit. Vol.16,2006, 69 - 70.,
5. Effect of Phylanthus maderaspatensis, A dietary supplement on cisplatin Induced clastogenicity in cultured human lymphocytes, M.J.N.Chandrasekar,Praveen Bommu,M.J.Nanjan and B. Suresh. The Toxicologist, Vol.90,(1),2006, 406.
6. Investigating the anti inflammatory and analgesic activity of leaves of Wedelia chinensis(Osbeck) Merr. In standard experimental animal. M.J.N.Chandrasekar, S.Suresh, kumar, T.Sivakumar and B. Suresh.

- Iranian Journal of Pharmaceutical research, Vol.12,2006,123-129,
7. Free radical scavenging activity of Ipomoea obscura (L.) Ker-Gawl
R.Srinivasan, M.J.N.Chandrasekar M.J.Nanjan, B.Suresh *Journal of Natural Remedies* Vol 7/2,2007 184-198.
 8. Antioxidant Activity Of *Caesalpinia Digyna* Root R.Srinivasan,
M.J.N.Chandrasekar M.J.Nanjan, B.Suresh *Journal of Ethnopharmacology*,
113,2007, 284-291.
 9. *In vitro* and *in vivo* studies on HPMC-K100M matrices containing naproxen sodium M. J. N. Chandrasekar, S. Mahesh Kumar, Gopinath R, Srinivasan R M. J. Nanjan and B.Suresh, *Drug Delivery* Vol 14, Nov, 2007, 163-169.
 10. *Phyllanthus maderaspatensis*, a dietary supplement for the amelioration of adriamycin-induced toxicity and oxidative stress in mice Praveen Bommu, Chandrasekar Moola Joghee Nanjan, Nanjan Moola Joghee, Satishkumar Muthureddy Nataraj and Suresh Bhojraj *Journal of Natural Medicines*, Vol 62 No 2/April 2008, Pages 149-154.

International: 3

1. Evaluation of anti-inflammatory activity of Eclipta Alba in rats.
M.J.N.Chandrasekar, S.Suresh kumar, T.Sivakumar and B.Suresh, *Ancient Science of life*, XXIV (3), 7941, **2005**.
2. Pharmacognostical and Microbiological studies on different species Belonging to the family of Asteracea. M.J.N. Chandrasekar, S.Suresh kumar, T.Sivakumar, P.Perumal and B.Suresh, M.J.N. Chandrasekar, S.Sureshkumar, T.Sivakumar and B.Suresh, *International Chemical Science*, 2006.
3. Antimicrobiological studies on different essential oils of Wedelia Species (W.chinensis, W.rilobata and W.biflora) and Eclipta alba (Asteraceae). *Asian Journal of Chemistry*, Vol.19,(6),2007,4674-4678. M.J.N.Chandrasekar S.Suresh kumar, R.Kanagasabail, T.Sivakumar, R.Thiruvenkata subramaniam and S.Thenmozhi.

Md. Afzal Azam

National: 9

1. **Md. Afzal Azam**, S. K. Sahu, M. Banerjee, P. Choudhary, S. Sutradhar and P. K. Misro, Synthesis and biological evaluation of 3-(Phthalimidoethyl)-4(5-substituted isoxazoline and pyrazoline) substituted benzanilides, *J. Indian Chem. Soc.*, May 2009, **86**, 498-503.
2. Md. Afzal Azam, S. K. Sahu, D. K. Dash and M. Banarjee, Spectrophotometric estimation of celecoxib in bulk and its formulation, *J. Indian Chem. Soc.*, 86, 2009, 1-4.
3. Md. Afzal Azam, S. K. Sahu and M. Banerjee, Synthesis, characterization and biological evaluation of Schiff's base transition metal complexes with celecoxib and sulfomethoxazole, *J. Pharm. Res.*, June 2009, 2(6), 1155-1158.
4. Md. Afzal Azam, M. Banerjee and S. K. Sahu, Synthesis, Anti-arthritic and anti-inflammatory of some new isoxazoline analogs: It's mechanism of action, *J. Chem. Pharm. Sci.*, 2009, 2(1), 35-37.
5. Md. Afzal Azam, S. Gomathy, F. Alam, and B. Suresh, Synthesis and antimicrobial activity of some 6-arylidene-3-aryl-2,3,3a,4,5,6-hexahydrocyclopenta[c]pyrazoles/oxazoles, *Indian J. Heterocyclic Chem.*, Dec' 2008, 18, 157-160.
6. Md. Afzal Azam, Br Prasanth Kumar, S. Shalini, B. Suresh, Synthesis and biological screening of some {[4,6-disubstituted pyrimidine-2-yl]thio}methyl-n-phenyl-1,3,4-thiadiazole-2-amine, *Indian J. Pharm. Sci.*, 70 (5), 2008, 672-677.
7. Md. Afzal Azam, Y. S. R. Reddy, J. T. Leonard, B. Suresh and I. E. Chakravarthy, Synthesis and Pharmacological activities of 2-methyl quinolyloxy propylamines, *Indian J. Pharm. Sci.*, 2007, 69(1), 112.
8. Md. Afzal Azam, S. K. Sahu, M. Banerjee, P. Choudhary, S. Sutradhar, P. K. Panda and P. K. Misro, Synthesis and Biological Evaluation of 3-(Phthalimidomethyl)-4-(5-Substituted Isoxazoline and Pyrazoline) Substituted Benzanilides, *Indian J. Chem. Soc.*, 2007, 69 (1), 112-114.
9. Md. Afzal Azam, S. K. Sahu, S. K. Mishra, R. K. Mohanta, P. K. Panda,

Synthesis and Antimicrobial activity of 2-phenyl-3,5-diphenyl (substituted)-6-aryl-3,3a,5,6-tetrahydro-2H-pyrazolo [3,4-d] thiazoles, *Indian J. Pharm. Sci.*, September 2007, 69(5), 689-692.

International: 3

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1. Md Afzal Azam, S. K. Sahu, M. Banerjee, D. Sahu, C. C. Behera, G.C. Pradhan, Synthesis, Analgesic and Antimicrobial Activities of Some Novel Isoxazole Derivatives, *Dhaka Univ. J. Pharm. Sci.*, 2008, 7(2), 113-118.
 2. Md. Afzal Azam, S. K. sahu, M. Banerjee, S. Acharrya, C. C. behera, and S. Scii, Synthesis, Characterization and Biological activity of 2-methyl-3-aminoquinazoline- 4(3H)-ones Schiff bases, *J. Braz. Chem. Soc.*, July 2008, 19(5), 963-970.
 3. Md. Afzal Azam, S.K. Sahu, M. Banerjee, A. Samatray and C. Behera, Synthesis, Analgesic, Anti-inflammatory and antimicrobial activities of some Novel pyrazoline, *Trop. J. Pharm.. Res.*, June 2008, 7(2), 961-968.

Mr. R. Kalirajan :

National :

International : 12

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1. Anti Nociceptive and Anti epileptic evaluation of N-Mannich bases of some substituted Benzotriazoles, V.Rajamanickam, P.Sivasubramaniyam, M.Palanivelu, R.Kalirajan, V.Sivakumar and K.Anandarajagopal, *International Journal of Chemical Sciences*, 4(4), 1048-1052, 2006.
 2. Synthesis and Biological Evaluation of Some Chalcone derivatives, R.Kalirajan, M.Palanivelu, V.Rajamanickam, G.Vinothapooshan and K.Anandarajagopal, *International Journal of Chemical Sciences*, 5(1),73-80, 2007.
 3. Synthesis and biological evaluation of some theophylline derivatives. S.Jubie, R.Kalirajan, B.Gowramma, S.Sankar, K.Chandraprakash and B.Suresh. *International Journal of Chemical Sciences*, 5(5),2007,2223-2228.

4. Synthesis and anesthetic activity of Some Mannich bases of P-Dimethylamino benzylidene acetanilide, R.Kalirajan, S.Jubie, B.Gowramma, B.Suresh, *Asian Journal of Chemistry*, 20(7), 5289-5292, 2008.
5. Simultaneous determination of Rabeprazole and Domperidone in Dosage forms by RP-HPLC, R.Kalirajan, K.Anandarajagopal, Seena mary Mathew, S.Jubie, B.Gowramma and B.Suresh, *Rasayan Journal of Chemistry*, 1(2), 232-235, 2008.
6. Comparative Evaluation of Theophylline microsphere prepared using various biodegradable polymers, G.Vinothapooshan, N.Jawahar, R.Kalirajan, S.Jubie, and B.Suresh, *International Journal of Chemical Sciences*, 6(3), 1526-1534, 2008.
7. synthesis and biological evaluation of some heterocyclic derivatives of chalcones, R.Kalirajan, S.U.Sivakumar, S.Jubie, B.Gowramma and B.Suresh, *International Journal of Chem tech research- Vol.1, No.1, Jan-Mar 2009*, 27-34.
8. Synthesis and Antimicrobial Evaluation of some 2-Azetidinone derivatives S.Jubie*, B.Gowramma, Nitin K.Muthal, R.Kalirajan, S.Gomathi and K.Elango, *International Journal of Chem tech research- Vol.1, No.2, Apr-jun 2009*, 153-157.
9. Microwave induced Synthesis and Antimicrobial activity of some Thiazine derivatives of 2-substituted Benzimidazole, R.Kalirajan, A.Justin, S.S.Dinesh narayanan, G.Venkatesh, S.Sankar, K.Elango, *International journal of Pharma Research*, Vol.2(2), Jan-jun 2009, 39-41.
10. Synthesis and biological evaluation of Mannich bases of 2-substituted Benzimidazoles, R.Kalirajan, Chitra, S.Jubie and B.Gowramma *Asian Journal of Chemistry*, Vol.21(7), 2009, 5207-5211.
11. Synthesis of Quinazolone derivatives with Nitrogen mustards as possible Anticancer agents, B.Gowramma, R.Kalirajan, S.Jubie *Asian Journal of Chemistry*, Vol.21 (7), 2009, 5235-5240
12. Synthesis, Anticancer activity of some 2-(Bis-(2-chloroethyl) aminoacetyl)-3,5-disubstituted 1,2-pazolines, B.Gowramma, S.Jubie, R.Kalirajan, S. Gomathy and K.Elango, *International Journal of Chem.Tech. Research*, Vol.1, No.2, 2009, 153-157.

Mr. B. R. Prashanthakumar :

National : 5

1. Synthesis and antihistaminic activity of fexofenadine analogues, Prashantha kumar. B. R , Satish N. K, Karvekar M.D, H.S. Naveen and B. Gouda. *Indian drugs*, 43(9), 2006,
2. Microwave assisted synthesis of Pyrazoline derivatives and their antiangiogenic and antioxidant activities, Anand T, Badami S, Prashantha Kumar B R, Santhosh kumar, S Ravi and Durai Anand Kumar T *Indian. Journal of Heterocyclic Chemistry*,16(4), 2007,333.
3. Serum glucose and triglyceride lowering activity of some novel glitazones against dexamethasone induced hyperlipidemia and insulin resistance, B. R. Prashantha Kumar, T.K. Praveen, M.J. Nanjan, M.D. Karvekar, B.Suresh *Indian Journal of Pharmacology* 39(6), 2007,299.
4. QSAR Study on Thiazolidine-2,4-dione Derivatives for their Antihyperglycemic Activity, B. R. Prashantha Kumar and M. J. Nanjan, *Indian Journal of Pharmaceutical Sciences*, 70 (5): 2008, 565-571.
5. A Azam, BR Prashantha Kumar, S. Shalini, B. Suresh, Synthesis and biological screening of some {[4,6-disubstituted pyrimidine-2-yl)thio]methyl}-n-phenyl1,3,4-thiadiazole-2-amine, *Indian J. Pham. Sci.*, 70 (5), 2008, 672-677.

International : 15

1. Novel Biginelli dihydropyrimidines with potential anticancer activity: A parallel synthesis and CoMSIA study, **B.R.Prashantha Kumar**, Gopu Sankar, R.B. Nasir Baig and Srinivasan Chandrashekar, *European Journal of Medicinal Chemistry*, **2009** (In press DOI:10.1016/j.ejmech.2009.05.014).
2. Predicting anti-HIV activity of 1,3,4-thiazolidinone derivatives: 3D-QSAR approach, V. Ravichandran, B.R. Prashantha Kumar , S. Sankar and R.K. Agrawal, *European Journal of Medicinal Chemistry*, 44, 2009,1180.
3. Synthesis of novel Hantzsch dihydropyridines and Biginelli dihydropyrimidines of biological interest: a 3D-QSAR study on their

- cytotoxicity, B. R. Prashantha Kumar, Pankaj Masih, E. Karthikeyan, Ankur Bansal, Suja, P. Vijayan. *Medicinal Chemistry Research*, 18, (2009) [DOI 10.1007/s00044-009-9195-7].
4. Facile Microwave-Assisted Parallel Syntheses of *N*-Substituted 1,4-Dihydropyridines of Biological Interest, B. R. Prashantha Kumar, Pankaj Masih, Chris Raju Lukose, Nimmy Abraham, D. Priya, Rinu Mary Xavier, Kesiya Saji, and Laxmi Adhikary *Journal of Heterocyclic Chemistry*, 46, 2009, 336.
 5. Microwave-Assisted, Solvent-Free, Parallel Syntheses and Elucidation of Reaction Mechanism for the Formation of Some Novel Tetraaryl Imidazoles of Biological Interest, B. R. Prashantha Kumar, Gyanendra Kumar Shama, S. Srinath, Mohamed Noor, B. Suresh, and B. R. Srinivasa *Journal of Heterocyclic Chemistry*, 46, 2009, 278.
 6. Microwave assisted syntheses of thiazolidine-2,4-dione motif and microwave induced efficient synthesis of 5-Benzylidene-thiazolidine-2,4-dione and 5-Benzylidene-2-thioxo-thiazolidine-4-one compounds, Prashantha Kumar B. R., M. D. Karvekar, L. Adhikary, M. J. Nanjan and B.Suresh. *Journal of Heterocyclic Chemistry*, 43, 2006, 897.
 7. Synthesis and biological activity of some substituted 2-phenyl-quinazolin-4-ones. N.M.Raghavendra* , M.S.Niranjan, P.Venkatesh, B.R.Prashanth kumar, Narendra B.Gowda and M.S.Sripathi, *Asian Journal of Chemistry*, Vol.17, No.1, 57-65, **2005**.
 8. Anti osteoporosis activity of Spirulina , B. R. Prashanth Kumar, P.Venkatesh, N. M. Ragavendra and Narendra B. Gouda, *European Bulletin of Drug Research*, Vol. 41(1), 53, **2005**.
 9. Syntheses, CoMFA study and biological evaluation of 1,4-Dihydropyridines, Prashantha Kumar B R, Yuvaraj S, Gyanendra kumar Sharma, M J Nanjan and B Suresh *Letters in Drug Design & Discovery*, 5(1), 2008, 7.
 10. CoMFA Study on Thiazolidine-2,4-dione Derivatives for their Antihyperglycemic Activity, B. R. Prashantha Kumar, Bijoy J. Desai,

- J. Vergheese, Praveen TK, B.Suresh and M. J. Nanjan *Letters in Drug Design & Discovery*, 5(3), 2008, 79.
11. "Drug Price in India after GATT implementation" Prashantha Kumar B. R, www.phamainfo.net, Canada, 2005 (Article won the second prize out of 124 contestants from all over India).
 12. Comparative molecular similarity indices analysis for predicting anti-HIV activity of phenyl ethyl thiourea (PET) derivatives. Veerasamy Ravichandran, B. R. Prashantha Kumar, Sundaram Sankar and Ram Kishore Agrawal, *Medicinal Chemistry Research*, 17, 2008, 1.
 13. Anees A Siddiqui, Ramadoss Rajesh, Mojahid-ul-islam, Veerachamy alagarsamy, Subramanian N Meyanathan, Bommenahalli Prashantha Kumar and Bhojraj Suresh, Synthesis, Antiviral, Antituberculosic and antibacterial activities of some novel 4-(4-substituted phenyl)-6-(4-Hydroxyphenyl)-2-(substituted imino) Pyrimidines. *Acta Poloniae Pharmaceutica – Drug Research*, 64, 17, 2007.
 14. B. R. Prashantha Kumar, M. Soni and MJ Nanjan, Analysis of physicochemical parameters for the drugs from nature, *Medicinal Chemistry Research*, 2009 (In press).
 15. B. R. Prashantha Kumar and MJ Nanjan, Comparative Molecular similarity Indices Analysis on Glitazones, *Medicinal Chemistry Research*, 2009 (In press).

Mrs. Jubie. S :

International Journals : 11

1. Synthesis and biological evaluation of some theophylline derivatives. S.Jubie, R.Kalirajan, B.Gowramma, S.Sankar, K.Chandraprakash and B.Suresh. *International Journal of Chemical Sciences*, 5(5),2007,2223-2228.
2. Synthesis and biological evaluation of some 2-azetidinone derivatives. S.Jubie, B.Gowramma, Nitin K.Muthal, R.Kalirajan, S.Gomathy and K.Elango,. *International Journal of Chem Tech Research*, 1(2),2009,153-157.

3. Anti-Arthritic activity of bark extracts of *Alangium Salviifolium* wang. S., Jubie, N.Jawahar, Ruby Koshy, B.Gowramma and B.Suresh. *Rasayan Journal of Chemistry*, 1(3), 2008, 433-436.
4. Synthesis and biological evaluation of some mannich bases of Chalcone derivatives. R.Kalirajan, S.Jubie, B.Gowramma and B.Suresh. *Asian Journal of Chemistry*, 20 (7), 2008, 5289-5292.
5. Effect of Leaf galls of *Piprum Nigrum* Linn. against carageenan induced inflammation in Albino rats. R.Rajesh, L.Sathiyarayanan, S.Arulmozhi, S.Jubie, Sarfaraz Md. *Journal of Natural Remedies*, Vol.7/2 (2007) 229-233.
6. Simultaneous determination of Rabepazole and Domperidone in Dosage forms by RP-HPLC. R.Kalirajan, Ananda Raja Gopal, Seena mary Mathew, B.Gowramma, S.Jubie and B.Suresh. *Rasayan Journal of Chemistry*, 1(2), 232-235, 2008.
7. Synthesis and biological evaluation of some heterocyclic derivatives of chalcones R.Kalirajan, S.U.Sivakumar, S.Jubie, B.Gowramma and B.Suresh. *International Journal of ChemTech Research*, 1, Jan-March 2009, 27-34.
8. Comparative Evaluation of Theophylline Microsphere prepared using a various Biodegradable Polymers. G.Vinothapooan, N.Jawahar, R.Kalirajan, S.Jubie, K.S.Remya and Prasanth S.Wake. *International Journal of Chemical Sciences*, 6(3), 2008, 1526-1534.
9. Polymorphism; A Dissolution Rate Enhancement Technique of Nitrendipine. N.Jawahar, R.Sureshkumar, D.Nagasamy Venkatesh, S.Jubie, M.K.Samanta and B.Suresh. *Research J.Pharm.and Tech*, 1(3); July-sept.2008.
10. Synthesis of quinazolinone derivatives with nitrogen mustards as possible anticancer agents, B.Gowramma, S.Jubie, R.Kalirajan, and B.Suresh, *Asian J. of Chemistry*, 21(7), 2009, 5235-5240.
11. Synthesis and biological evaluation of Mannich bases of 2-substituted benzimidazoles, R.Kalirajan, M.Chitra, S.Jubie, B.Gowramma and B.Suresh, *Asian J. of Chemistry*, 21(7), 2009, 5207-5211.

National : 4

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1. Antiinflammatory activity of Dodonaea Viscosa Linn leaf extracts. Alagarsamy.V, Venkat narayanan, Thangathirupathy.A, Amuyhalakshmi.S, Jubie.S and Suresh.M. Indian Drugs, 44(7), July 2007.
 2. Diuretic activity of whole plant extracts of Cardiospermum halicacabium Linn, K.Chandraprakash, I.J.Kuppast, C.Manjunath, N.Jawahar and S.Jubie. PH.COGE. MAGAZINE, vol.4, issue13, Jan-Mar.2008.
 3. In vivo evaluation of single dose tetanus toxoid vaccine formulation with Chitosan Microspheres. R.Manivannan, S.A.Dhanaraj, Y.Udaya Baskara Rao, A.Balasubramanian, N.Jawahar and S.Jubie. Indian Journal of Pharmaceutical Sciences, Jan-Feb, 2008, 11-15.
 4. Preparation and characterization of PLGA Nanoparticles containing an antihypertensive agent. International Journal of Pharm Tech Research, N.Jawahar, T.Eagappanath, S.Jubie and M.K.Samanta. 1(2), 2009, 390-393.

Mrs. B. Gowramma :**National : 1**

1. Synthesis, anticancer activity of some 1-(bis N,N-(chloroethyl)aminoacetyl)-3,5-disubstituted 1,2-pyrazolines, B.Gowramma, S.Jubie, R.Kalirajan, S.Gomathy and K.Elango, Journal of Pharm.Tech.Res., 1(2), April-June- 2009, 347-352.

International : 7

1. Synthesis of quinazolinone derivatives with nitrogen mustard as possible Anticancer agents, B.Gowramma, S.Jubie, R.Kalirajan, S.Gomathy and K.Elango, Asian Journal of heterocyclic chemistry, 21(7), May-2009, 5235-5240.
 2. Synthesis of 2-[Bis-2(chloroethyl)amino]acetamide]-5-substituted-1,3,4-thiadiazole as possible alkylating anticancer agents, B.Gowramma, V.Murugan, K.Sumanth Prabhu, E.P.Kumar, B.Suresh and VM.Reddy, Asian J.of Chemistry, 18(3), 2006.
-

3. Synthesis biological evaluation of some heterocyclic derivatives of chalcone, R.Kalirajan, S.U.Sivakumar, Jubie.S, B.Gowramma and B.Suresh International J.of Chem Tech Research, (1), 2009, 27-34.
4. Synthesis and diuretic evaluation of some Theophylline derivative, S.Jubie, R.Kalirajan, B.Gowramma, S.Sankar, K.Chandraprakash and B.Suresh. International J.of Chemical Sciences, (5), 2007, 2223-2228.
5. Synthesis and anesthetic activity of some mannich bases of P –dimethylamino benzyldine acetanilide, B.Gowramma, R.Kalirajan, S.jubie, and B.Suresh, Asian J.of Chemistry 20(7), 2008, 5289-5292.
6. Simultaneous determination of Rabeprazole and domperidone in dosage forms by RP-HPLC, R.Kalirajan, K.Anandrajagopal, Seema Mary Mathew, Gowramma, S.Jubie, and B.Suresh, Rasayan J.of Chemistry, 1(2), 2008, 232-235.
7. Synthesis and biological evaluation of Mannich bases of 2-substituted benzimidazoles, R.kalirajan, M.Chitra, S.Jubie, B.Gowramma and B.Suresh, Asian J.of Chemistry, 21, 2009, 5207-5211.

Mrs.Gomathy.S :

National :

International : 04

1. Synthesis and anti-microbial activity of some 6-arylidene-3-aryl-2, 3, 3a, 4, 5, 6- hexahydrocyclopenta [c] Pyrazoles/oxazoles. Md. Afzal azam, S. Gomathy, F.alam and B.Suresh Indian Journal of Heterocyclic Chemistry. Vol.18, Oct-Dec., 2008, pp-157-160.
2. Anti-inflammatory activity of Myristica fragrans roots in Wister rats. A Shanish antony, B. Samuel thavamani, S.Gomathy, E.P.Kumar, R.Vadivelan, K.Elango and B.Suresh. Advanced Phamacol.Toxicol. Vol.9 (2), 2008, 73-76.
3. Synthesis and anticancer activity of some 1-(BisN, N-(chloroethyl) – Aminoacetyl)-3, 5-Disubstituted 1, 2-Pyrazolines. B.Gowramma, S.Gomathy, S.Jubie, R.Kalirajan and K.Elango.

4. Synthesis and biological evaluation of some 2-Azetidinone derivatives.
S.Jubie, B.Gowramma, Nitin K.Muthul, R.Kalirajan, S.Gomathy and K. Elango.
International Journal of Chem. Tech. Research, 1(2), 2009, 153-157.

Seminar / Conferences / Symposia attended by the faculty

S. Sankar

National: 8 International: 1

1. Participated in the 56th Indian Pharmaceutical Congress, Kolkata, 2004.
2. Participated in the DBT sponsored seminar on Intellectual Property rights in bioinformatics and biotechnology, Pondicherry, 2005.
3. Workshop on Sequence Analysis and Molecular Simulation, sponsored by DBT, 2006.
4. Participated in the confederation of Indian Industry-sponsored seminar on Intellectual property Rights, Coimbatore, 2006.
5. workshop on Advanced Topics in Protein-Ligand Interactions using Auto Doc-3 suite, sponsored by Jigsaw solutions, 2007
6. Second International conferences and Indo-Canadian satellite symposium on Pharmaceutical Sciences, Technology, Practice and Natural Health products at JSS College of Pharmacy, Ooty 24-26 February 2007.
7. Symposium on Global Prospective on Pharma Patents, sponsored by UGC, 2008.
8. Seminar on Export Opportunities for Pharma SMEs, sponsored by Pharmexcil-IDMA, 2008.
9. Workshop on technopreneur promotion programme at the PSG college of Technology, Coimbatore, 2009.

Dr.MJN.Chandrasekar

National : Nil International: 1

1. Second International conferences and Indo-Canadian satellite symposium on Pharmaceutical Sciences, Technology, Practice and Natural Health products at JSS College of Pharmacy, Ooty 24-26 February 2007.

Md.Afzal Azam**National: Nil International: 1**

1. Second International conferences and Indo –Canadian satellite Symposium on Pharmaceutical Sciences, Technology, Practice and Natural health products at JSS college of Pharmacy, Ooty during 24th – 26th February 2007.

Jubie.S**National: 6 International: 1**

1. Jubie.S workshop on Drug design and discovery sponsored by Indian Technologies Pvt.Ltd, 2006.
2. National seminar on cancer-biology and development of new chemical entities organized by PSG college of Pharmacy, Coimbatore from 20 – 22 November 2008.
3. 60th Indian Pharmaceutical congress held at new Delhi from December 12-14 2008 and presented a paper on synthesis and biological evaluation of some indane 1,3 dione derivatives.
4. Presented a scientific paper on the “Spectrometric determination of astemizole and its formulations” in 11th APTI-convention at Bangalore. September – 2006.
5. Presented a scientific paper on “Microwave synthesis of some novel benzimidazole substituted fluoroquinolones and their antimicrobial evaluation” in 2nd IPA students congress, July 9-11, 2009.
6. Jubie.S, Microwave synthesis of some novel benzimidazole substituted fluoroquinolones and their evaluation, Acharya & B.M.Reddy college of Pharmacy, Bengaluru, 2009.
7. Second International conferences and Indo –Canadian satellite Symposium on Pharmaceutical Sciences, Technology, Practice and Natural health products at JSS college of Pharmacy, Ooty during 24th – 26th February 2007.

Gowramma. B**National: 5 International : 1**

1. Comparative bioavailability study of amoxicillin and Clavulanic acid by HPLC- ESI mass spectroscopy presented in 59th Indian Pharmaceutical Congress on 20th to 23rd December held at Varanasi 2007.

2. Synthesis , anticancer activity of pyrazolines derivatives with nitrogen mustard moiety presented in PSG college of Pharmacy, Coimbatore from 20 – 22 November 2008.
3. Second International conferences and Indo –Canadian satellite Symposium on Pharmaceutical Sciences, Technology, Practice and Natural health products at JSS college of Pharmacy, Ooty during 24th – 26th February 2007.
4. Gowramma B, National seminar on cancer-biology a development of new chemical entities, sponsored by PSG college of Pharmacy, 2008.
5. Gowramma B, workshop on phytochemical investigation by spectral Methods, sponsored by Karpagam University, 2009.
6. Gowramma.B, Synthesis and biological evaluation of some novel 4-thiazolidinones bearing 1,3,4-thiadiazole nucleus, PSG college of Pharmacy, Coimbatore, 2009.

R.Kalirajan

National : 3 International: 1

1. Microwave induced synthesis and antimicrobial activity of Thiazine derivatives of Benzimidazole, 60th Indian Pharmaceutical Congress, New Delhi, 2008.
2. Identification of Phytochemicals using spectroscopic Techniques held at karpagam Academy of higher education on 6-7 March, 2009.
3. Second International conferences and Indo –Canadian satellite Symposium on Pharmaceutical Sciences, Technology, Practice and Natural health products at JSS college of Pharmacy, Ooty during 24th – 26th February 2007.
4. Kalirajan R, workshop on phytochemical investigation by spectral Methods, sponsored by karpagam University, 2009.

Neeraj Agrawal

National : 4 International : 1

1. Oral presentation on “Synthesis of 2-Hydroxypropyl Methacrylate-Diclofenac Conjugate as Polymeric Prodrug. Its Characterization and *in-vitro* drug release studies.” in 58th IPC held at Mumbai in Dec. 2006.

2. Oral presentation on “ Diclofenac –HEMA conjugate, Synthesis and Characterisation” in IUPAC Sponsored Second International Symposium on Green/Sustainable Chemistry held at Delhi in January 2006.
3. Poster presentation Anti-HIV,peg-didanosine conjugates :
Synthesis,characterization & in-vitro drug release studies, Acharya & B.M.Reddy college of Pharmacy, Bengaluru, July - 2009.
4. Poster presentation on Emerging role of Pharmacist during Antibiotic Therapy and Pharmacy Education : Recent Trends and its impact on society held at Rajendra Institute of Technology and Sciences, on 29-30 September – 2007,at Sirsa, Haryana.
5. Attended APTI 12th annual national convention held at Punjab University, on 25 -27 October 2007, at Chandigarh.

DR.S.Badami.

- 1.*Antioxidant properties of *Grewia tiliifolia*, Shrishailappa Badami, Mahesh Kumar Gupta, Ramanathan M, Elango K and Suresh B. Oriental Pharmacy and Experimental Medicine, 2005, 5(1), 16-20.
2. Microwave Assisted Rapid Quantitative Analysis of Aspirin, Calcium carbonate and Riboflavin, Shrishailappa Badami*, Natasha Joseph Chelapureth, Deepa S, Sandhya Deepa E, Elna Merilla Bose, Vijeesh Govindan and Suresh B Indian Journal of Pharmaceutical Education, 2005, 39(2), 97-99.
- 3.Use of microwave technology in Pharmaceutical chemistry practicals part –II: Synthesis of few more organic compounds. Badami S, Saravanan R, Sunil V.Sharma, and B.Suresh. Indian journal of Pham. Educ, Res. 39(4), 2005.
- 4.New microwave methods for rapid quantitative and qualitative analysis and loss on drying, S. Badami, S. Ramaswamy, S. V. Sharma, R. K. Choksi, S. H. Dongre and B. Suresh, Indian Journal of Pharmaceutical Sciences, 2005, 67(3), 307-310.
- 5.*Antioxidant Activity of *Aporosa lindleyana* Root, Shrishailappa Badami, Sujay R. Rai and Suresh B, Journal of Ethnopharmacology, 101, 180-184, 2005.
6. *In vitro* antioxidant properties of *Solanum pseudocapsicum* leaves extracts, Shrishailappa Badami, Om Prakash Yadav, Santhosh Kumar H Dongre, Suresh B, Indian Journal of Pharmacology ,37(4),251-252,2005.
- 7.*In-vitro* antioxidant activity of various extracts of *Aristolochia bracteolata* leaves, Shrishailappa Badami*, Christy K. Jose, Choksi, Rakshit Kumar K, Santosh Kumar H. Dongre, Jagadish P. C, and Suresh B. Oriental Pharmacy and Experimental Medicine,5(4),316-321,2005.
8. Microwave assisted rapid quantitative analysis of aspirin, calcium carbonate and Riboflavin. Badami S., Natasha Joseph C, Deepa S, Sandhya Deepa E, Elna Merilla Bose, Vijeesh G, and Suresh B. Indian Journal of Pharm Sci, 39(2), 2005.
9. Antitumor activity and antioxidant status of the methanol extract of *Careya arborea* Bark against Dalton's Lymphoma Ascites – induced ascitic and solid tumor in mice.Senthilkumar N, Badami S, Santhoshkumar H.Dongre and Ashok G, Journal of Pharmacol. Sci. 103, 12-23, 2007.
10. Antitumour activity of the Methanol extract of *Hypericum hookerianum* stem

against Ehrlich Ascites Carcinoma in Swiss Albino Mice. Santhoshkumar H. Dongre, Badami S., Senthilkumar N., and Raghu Chandrasekhar H. Journal of Pharm., Sci., 103, 354-359, 2007.

11. Microwave assisted efficient synthesis and antifungal evaluation of some N-Phenyl-3-(substituted Phenyl) propenamides, Indian Journal of Pharmaceutical Education and Research, 41(2), 140- 145, 2007. Prabodh Chandra Shama, Sunil V. Sharma, S. Badami, Archana Shama and B. Suresh.
12. Comparative evaluation of conventional and microwave extraction of plant Phenolics from five plants. Badami S., Manju Mary Cherian, Dongre Santhoshkumar H. Indian Journal of Pharm. Educ. Res. 41(3), 2007.
13. Pre-coital and post-coital anti-implantation and abortifacient activities of Aristolochia bracteolata Lam. Aerial parts, Journal of Natural Medicines, 61(3), 302-306, 2007. S. Badami, Satish Kumar Muthureddy Nataraj, Pavan Kumar Puwada, Saraswathi B. Patil, Elango K., Subburaju T., Chinnaswamy K., and B. Suresh.
14. Antioxidant potential of five Ksheerapaka's and Kashaya's, Ayurvedic decoctions, Indian Journal of Traditional Knowledge, 6(3), 423-425, 2007. S. Badami, M. Sangeetha, V. Latha, N. Archana and B. Suresh.
15. Ant implantation activity of Schleicheria oleosa (Lour) Oken and Tephrosia purourea (L.) Pers. In female albino rats, Geobios, 34 (2-3), 153-156, 2007. Rajan S, Sethuraman M, Mukherjee P. K., S. Badami.
16. Microwave assisted rapid extraction of red dye from Caesalpinia Sappan heart wood, Natural Product Research, 21(12), 1091-1098, 2007. S. Badami, B. Geetha, Sunil V. Sharma, S. Rajan and B. Suresh
17. Microwave assisted synthesis of pyrazoline derivatives and their antiangiogenic and antioxidant activities. Indian journal of heterocyclic chemistry, 16, 333 – 336, 2007.

18. Potent In vitro cytotoxic and antioxidant activity of Careya arborea Bark Extracts. *Phytotherapy Res.*, 21, 492-495, 2007.

Dr.V.Murugan

1. Synthesis and Evaluation of some new nitrogen Mustards as possible anticancer agents. V.Murugan, R.M.Anand, Manjiri A.Kulkarni, B.Suresh and V.Malla Reddy., *Indian Journal of Heterocyclic Chemistry*, 15,2005. 2005).NP19
2. Synthesis of 2-{"Synthesis of 2-{"[Bis-(2-chloroethyl)amino]methyl}- 6,8-dinitro -1-(4-substituted phenyl)-1H-Quinazolin-4-one Derivatives as Possible Antineoplast Agents, V. Murugan, Manjiri Kulkarni, R.M. Anand, E.P. Kumar, B. Suresh and V.M. Reddy (Communicated to *Asian Journal of Chemistry*,2005) NP20
3. 3-D QSAR CoMFA Study of Nitrogen Mustards Possessing New Chemical Entities as Possible Anticancer Agents; R. M. Anand, V. Murugan, Sunil V. Sharma and B.Suresh (Communicated *Indian Journal Pharmaceutical Sciences*, 2005).NP21
4. Synthesis of 1,5-Benzooxazepine Derivatives as Potent Neuroleptic Agents,V.Murugan, G. Shivakumar, M. Ramanathan and B. Suresh (Communicated to *Indian Journal Pharmaceutical Sciences*,2005).NP22
5. New UV Spectrophotometric Determination of Fluconazole in Pharmaceutical formulations; R. M. Anand, T. Renjit Kumar, K. G.Lalitha and V.Murugan (Communicated to *Indian Journal of Pharmaceutical Sciences*, 2005).NP23
6. "A Survey of Medicinal Plants in Kollimalai Hill Tracts, Tamilnadu, India" R.M.Anand,N.Nanadakumar, L.Karunakaran,M.Ragunathan and V.Murugan. (Accepted in *Natural Products of Radiance*, 2005)NP24
7. Synthesis of 2-[(Bis -(2-Chloroethyl) amino) Acetamido]-5-substituted-1, 3,4 - thiadiazole as possible alkylating anticancer agents. *Asian Journal of Chemistry*, Vol -18 , No.3, 2006. B.Gowramma, K.Sumathi,V.Murugan, E.P. Kumar, V.M. Reddy And B.Suresh

Grants received

1. Dr.S.Badami received Rs. 16.15 lakhs from DBT, Investigation of anticancer potential of Nilgiris plants.
2. Dr. S.Sankar received Rs 8 lakhs from AICTE to wards EDP programme.
3. Dr.MJN. Chandrasekar received Rs. 18.9 lakhs from DST – Argentine S&T cooperation programme, Targeting anticancer macromolecular prodrugs.
4. Dr.MJ.Nanjan received Rs. 15 lakhs from DST, Targeting macromolecular prodrugs to specific cell sites.

Seminar/Conferences/Symposia organized by the institute

1. Quality improvement programme on Modern Trends in Pharmaceutical Chemistry 7-20 February 2006, Sponsored by All India Council for Technical Education, New Delhi.
 2. Quality Improvement programme on Approaches to Drug Development 30 March-6 April, 2007, Sponsored by All India Council for Technical Education, New Delhi.
 3. Quality Improvement programme on Trends in Drug discovery and drug development 9-22 February, 2008., Sponsored by All India Council for Technical Education, New Delhi.
-
1. Sankar S, workshop on IPR, sponsored by the confederation of Indian Industry, 2006.
 2. Sankar S, workshop on sequence analysis and Molecular simulation, sponsored by DBT, 2006.
 3. Jubie.S workshop on Drug design and discovery sponsored by Indian Technologies Pvt.Ltd, 2006.
 4. Sankar S, workshop on Advanced Topics in Protein-Ligand Interactions using Auto Doc-3 suite, sponsored by Jigsaw solutions, 2007.
 5. Sankar S, symposium on Global Prospective on Pharma Patents, sponsored by UGC, 2008.
 6. Sankar S, seminar on export opportunities for Pharma SMEs, sponsored by Phamexcil –IDMA, 2008.
 7. Jubie S, National seminar on cancer-biology a development of new chemical entities, sponsored by PSG college of Pharmacy, 2008.
 8. Jubie S, 60th Indian Pharmaceutical Congress, 2008.
 9. Gowramma B, National seminar on cancer-biology a development of new chemical entities, sponsored by PSG college of Pharmacy, 2008.
 10. Gowramma B, workshop on phytochemical investigation by spectral Methods, sponsored by Karpagam University, 2009.

11. Kalirajan R, workshop on phytochemical investigation by spectral Methods, sponsored by karpagam University, 2009.
12. Sankar S, workshop on fund generation practices sponsored by PSG – STEP, 2009.
13. Jubie.S, Microwave synthesis of some novel benzimidazole substituted fluoro quinolones and their evaluation, Acharya & B.M.Reddy college of Pharmacy, Bengaluru, 2009.
14. Neeraj Agarwal, Anti-HIV, peg-didanosine conjugates: Synthesis, characterization & in-vitro drug release studies, Acharya & B.M.Reddy college of Pharmacy, Bengaluru, 2009.
15. Gowramma.B, Synthesis and biological evaluation of some novel 4-thiazolidionones bearing 1,3,4-thiadiazole nucleus, PSG college of Pharmacy, Coimbatore, 2009.

Conference / Seminars attended 2008 -09

S. Sankar

1. “Tolerance – Free preparation of Dossiers for pharmaceutical product registration in regulated markets”, Venkatesh.P, Prince Francis, Sankar.S, Dhamodaran P, Elango K, paper presented at the conference in Advanced Approaches in formulation development and drug targeting held at PSG college of Pharmacy Coimbatore, 2008.
2. “The post coital anti – implantation activity of the plant *Derris brevipes* var. *coriacea* baker”, Venkatesh.P, Prince Francis, Sankar.S, Dhamodaran P, Elango K, paper presented at the international herbal conference held at Al-Almeen college of

Pharmacy, Bengaluru 2009.

Jubie.S

1. National seminar on cancer-biology and development of new chemical entities organized by PSG college of Pharmacy, Coimbatore from 20 – 22 November 2008.
2. 60th Indian Pharmaceutical congress held at new Delhi from December 12-14 2008 and presented a paper on synthesis and biological evaluation of some indane 1,3 dione derivatives.
3. Presented a scientific paper on in “Synthesis and Pharmacological Evaluation of Some Theophylline Derivatives” Second International Conference and Indo Canadian Satellite Symposium on Ph. Sciences, Technology, Practice and Natural Products (Feb. 2007) held at JSSCOP, Ooty.
4. Presented a scientific paper on the “Spectrometric determination of astemizole and its formulations” in 11th APTI-convention at Bangalore. September – 2006.
5. Presented a scientific paper on “Design and optimization of slow release suppositories of theophylline using 22 factorial design” in 11th APTI-convention at Bangalore. September – 2006.
6. Presented a scientific paper on “Synthesis and biological evaluation of some derivatives of 4-thiazolidinones and 2 azetidinones” in 60th IPC Newdelhi. December 12-14, 2008.
7. Presented a scientific paper on “Microwave induced synthesis and antimicrobial activity of thiazine derivatives of benzimidazole” in 60th IPC Newdelhi. December 12 -14, 2008.

Gowramma. B

1. Synthesis and anticancer activity of 2- alkyl-3-aryl-4(3H)-quinazoline derivatives with nitrogen mustard moiety presented in 57th Indian Pharmaceutical congress on 2nd to 4th December at Hyderabad 2005.
2. Comparative bioavailability study of amoxicillin and Clavulanic acid by HPLC- ESI mass spectroscopy presented in 59th Indian Pharmaceutical Congress on 20th to 23rd December held at Varanasi 2007.

3. Synthesis , anticancer activity of pyrazolines derivatives with nitrogen mustard moiety presented in PSG college of Pharmacy , Coimbatore from 20 – 22 November 2008.

R.Kalirajan

1. Anti-Nociceptive evaluation of novel newly synthesized 1-[2-(1H-Tetrazol-5yl)ethyl]1H- Benzo[d]1,2,3-triazole Iind International conference Ooty Feb 2007
2. Targetting of small molecules anticancer drugs to the tumor and its vasculature using cationic liposomes;lessons from gene therapy Poster presentation in 2 nd International conference Ooty , Feb 2007
3. Multiple sequence alignment using an Exhaustive and Greedy algorithm
Poster presentation in 2nd International Conference, Ooty, February 2007.
Probability distribution for A random match between an experimental
4. Theoretical spectral pair in Tandem Mass Spectroscopy- Proteomics Poster presentation in 2nd International Conference, Ooty, February 2007.
5. Post- Exposure prophylaxis for SIV revisited: animal model for HIV prevention Poster presentation in 2nd International Conference, Ooty, February 2007.
6. Microwave induced synthesis and antimicrobial activity of Thiazine derivatives of Benzimidazole, 60th Indian Pharmaceutical Congress, New Delhi, 2008
7. Synthesis and Evaluatin of antimitotic activity of 3-Oxoindoline derivatives of 2-Phenyl Quinazoline, 60th Indian Pharmaceutical Congress, New Delhi, 2008

MD.Afzal Azam

1. Synthesis and biological screening of some {[4,6-disubstituted pyrimidine-2-yl)thio]methyl}-n-phenyl 1,3,4-thiadiazole-2-amine, Second International conferences and Indo –Canadian satellite Symoosium on Pharmceutical Sciences, Technology, Practice and Natural health products at JSS college of Pharmacy, Ooty during 24th – 26th February 2007.

2. Synthesis and biological activities of 2-substituted benzimidazole-metal complexes, Second International conferences and Indo –Canadian satellite Symposium on Pharmaceutical Sciences, Technology, Practice and Natural health products at JSS college of Pharmacy, Ooty during 24th – 26th February 2007.

Neeraj Agrawal

1. Oral presentation on “Synthesis of 2-Hydroxypropyl Methacrylate-Diclofenac Conjugate as Polymeric Prodrugs. Its Characterization and *in-vitro* drug release studies.” in 58th IPC held at Mumbai in Dec. 2006.
2. Oral presentation on “ Diclofenac –HEMA conjugate, Synthesis and Characterisation” in IUPAC Sponsored Second International Symposium on Green/Sustainable Chemistry held at Delhi in January 2006.

Total number of workshops / Quality Improvement Programme Conducted

1. Quality Improvement Programme on Recent Advances in Pharmaceutical Chemistry
28 May – 10 June 2001, Sponsored by All India Council for Technical Education,
New Delhi
2. Quality Improvement Programme on Modern Trends in Pharmaceutical Chemistry
7 Feb – 20 Feb 2006, Sponsored by All India Council for Technical Education,
New Delhi

3. Quality Improvement Programme on Approaches to Drug Development
30 March – 6 April 2007, Sponsored by All India Council for Technical Education,
4. Quality Improvement Programme on Trends in drug discovery and drug development 9th – 22nd 2008 Sponsored by All India Council for Technical Education, New Delhi
5. Staff Development Programme on Recent Developments in Pharmaceutical Chemistry And Teaching Technology. 9 – 22 March 2003, Sponsored by All India Council for Technical Education, New Delhi
6. The Programme of Environment and Pollution Awareness July 11, 2004. Sponsored by All India Council for Technical Education, New Delhi
7. The Programme on Biomedical Communication in the Cyber Age, 14 – 16 February 2005. Sponsored by All India Council for Technical Education, New Delhi.

Projects being implemented

- Dept. of Science and Technology (DST) sponsored Indo-Argentine bilateral project entitled “**Targeting Anticancer Macromolecular Pro-drugs**” between JSS. College of Pharmacy and Dept of Pharmacy, Faculty of Biochemical and Pharmaceutical Sciences, National university of Rosario, Argentina **Rs. 6.8lakhs**
- ICMR Project involving the Design and Development of “**nanoparticles in target drug delivery systems for certain anticancer drugs**”.
Rs. 1.96 lakhs.
- AICTE Project under the Entrepreneurial Development Scheme for **Rs8.00 lakhs**
- CSIR Project for the “Isolation, Characterization and Screening of the Traditional Medicinal Plants of Nilgiris *Derris brevipes* and *Durio zibenthinus*”, **Rs 8.36 lakhs**

Projects proposal submitted

16. Targeting of anticancer drugs to solid tumors using thermally -responsive polymers and local hyperthermia

Science and Engineering and research Council (SERC)

Rs. 35.66 lakhs.

17. Evaluation of Chemo preventive and Chemo protective Potential of certain Dietary Supplements

(Life Science and Research Council of DRDO)

Patents

A patent has been filed for the following work

1. Dr.MJN.Chandrasekar - *Process for isolation of bergenin from Caesalpinia digyna rattler.*
2. Mr..B.R. Prashantha Kumar – Thiazolidine derivatives and process thereof Indian patent, published in the official gazette of Government of India- 2008.
3. Dr.MJ.Nanjan – Redacted.