

Project Report

COMPILATION OF PROFILES OF PHARMA ACADEMICIANS INTERESTED/ENGAGED IN ACADEMIC-INDUSTRY COLLABORATIONS

SPAICS

A project sponsored by
DST - NSTMIS

[DST/NSTMIS/05/198/2016-17 (G)]

PROJECT SPONSORED BY



सत्यमेव जयते

National Science & Technology Management
Information System (NSTMIS)

A Division of

Department of Science and Technology (DST)

EXECUTED BY

DR. NEELESH MALVIYA

Principal Investigator

MR. NIKKKEE CHHATTANI

Research Consultant

MR. ANKIT MANGAL

Research Assistant

HOSTED AT



Smriti College of Pharmaceutical Education, Indore

4/1 Pipliya Kumar Mayakhedi, MR-11, Dewas Naka, Indore (M.P.)

Content

Preface	3-6
Acknowledgement	7
Executive Summary	8-9
Chapter 1: Introduction & Background	10-15
1.1 Introduction	10-11
1.2 Project objective	11
1.3 Expected benefits of the study	11-12
1.4 Methodology	12-13
1.5 Project Team	13
1.6 Host Institute	13
1.7 Local Project Advisory Committee	14
1.8 Limitations of the study	14-15
Chapter 2: Interactive Website www.spaics.in	16-
2.1 Overview of the website www.spaics.in	16-33
2.1.1 Basic features	27
2.1.2 New user registration- Registration form	27-28
2.1.3 Registered user- login	28-29
2.1.4 Registered user- add profile	29-30
2.1.5 Search profile	31
2.1.6 Analysis	31
2.1.7 Who can use the website?	31
2.1.8 Data bank details	32-33
2.2 How to use the website?	34-35
2.2.1 How to register online?	34
2.2.2 How to login?	34
2.2.3 How to add profile?	34
2.2.4 How to search profile?	35
Chapter 3: Pharmacy institution in India- An analysis	36-38
3.1 Pharmacy institutions in India- State wise distribution	36-38
Chapter 4: Pharmacy academicians profile- An analysis	39-59
4.1 Percentage of pharma academicians registered (Title wise distribution)	39
4.2 Percentage of pharma academicians registered (Highest qualification wise distribution)	40
4.3 Percentage of pharma academicians registered (Specialization wise distribution)	41

4.4	Percentage of pharma academicians registered (Interested in academic-industry collaborative work wise distribution)	42
4.5	Percentage of pharma academicians registered (Engaged in academic-industry collaborative work wise distribution)	43
4.6	Percentage of pharma academicians registered (Total teaching experience wise distribution in years)	44
4.7	Percentage of pharma academicians registered (Total industry experience wise distribution in years)	45
4.8	Percentage of pharma academicians registered (Total research experience wise distribution in years)	46
4.9	Percentage of pharma academicians registered (Area of research interest wise distribution)	47-50
4.10	Percentage of pharma academicians registered (Academic research projects supervised wise distribution)	51
4.11	Percentage of pharma academicians registered (Academic-industry collaborative projects handled wise distribution)	52
4.12	Percentage of pharma academicians registered (Government research projects handled wise distribution)	53
4.13	Percentage of pharma academicians registered (Details of patents published wise distribution)	54
4.14	Percentage of pharma academicians registered (Details of research publications wise distribution)	55
4.15	Percentage of major research areas on which you want to collaborate with industries (Research area wise distribution)	56-59
Chapter 5:	Administration & Maintenance of the Website	60
Chapter 6:	Recommendations	61
Annexures:		62-
	Annexure I: Project information brochure	62-65
	Annexure II: Project Questionnaire	66-69

Preface

Academia-industry collaboration has persistently a matter of debate in academic and industry. Research done in academia and its translation into marketable products certainly is not new. A high-quality academic research can assist industry to produce economical product to the society. Traditionally, academics were professed as a foundation of innovations and industry act as platform provider to convert those innovations to consumer products. The need for sharing knowledge between research institutions and industry has become increasingly evident in recent years. To translate academic ideas into industrial products the collaboration of research academic institutions and the industry is needed and the academic institute should be permissible by the industries for making more reachable to offered resources.

Our country has a large resource power in sort of all the materials required for a research work to be carried over successfully. We have a large number of well-educated persons in the field of pharmacy; we have our own traditional knowledge, natural resources, large number of student community etc. We have everything but still we can't utilize these why? The simple reason is we don't know the power of each of us and are not utilizing it to the maximum. The major problem in this field is facing is that there is neither a good tie up nor a successful relationship between the companies and the academic institutions in India. There exist only a few relationships in the same in India. Currently, certain research institutions have staffs that actively pursue links with industry, but they lack the interactions amongst themselves and with industries. Though academicians in best institutes engage in research, but maximum of their research is limited to publications or patentability on higher hand, very few are converted into marketed or commercialized products. Therefore if academicians research orientation is as per

the need of industry or if academicians work for industrial research it will help to generate more revenue and also help to reduce the time and it will help to reduce the research expenditure of industries.

To accomplish this objective, practically bridging between academia and industries is the solitary solution; industries must encourage and sponsor researches at academic level to translate their innovations into customer products. With this aim an attempt has been taken to compile and analyze the database of pharma academicians based on personal details, academic details and professional details including designation, Qualification, Specialization, Expertise, Interested vs. engaged in academia-industry collaborations, Projects handled, Publications, Interest areas of Academic- industry collaborative that can be utilized by Pharma Industries. The created database comprises of academician's details along with their research expertise. The significant database will be useful to foster the academia-industry collaboration, helpful to prove potential of academicians as innovative researchers to fulfill the requirements of Pharma Industries.

Keeping this in view, research team of Smriti College of Pharmaceutical Education, Indore (M.P.) has undertaken a project 'Compilation of profiles of Pharma academicians interested/engaged in academic-industry collaborations' sponsored by National Science & Technology Management Information System (NSTMIS) A Division of Department of Science and Technology (DST) with the aim to compile and analyze the database of pharma academicians comprises of academician's details along with their research expertise.

The project was completed under the guidance and observation of local project advisory Committee. Dr. HB Singh, Scientist 'E', Department of Science & Technology, New Delhi was the coordinating officer in DST who monitored the project minutely.

An exclusive website titled www.spaics.in has been developed for the compilation of profiles of pharma academicians. Abovementioned website consists of user login/registration, add profile and search profile features. In user registration feature, pharma academicians can register by using personal information's like title, name, date of birth, highest qualification, specialization, designation, organization, research expertise, corresponding address, email address, mobile number and individual photo. In academic details participant's qualification with specialization is included. While in professional details categorization option interested/ engaged in academic-industry collaborative work, professional experience, research interest, academic projects handle, collaborative projects handle, government projects handle, patents and publications details and details of research areas interested to collaborate with industry are included. In search option viewer can search database by organization detail, designation, qualification, area of specialization, area of expertise and professional experience, while in advance search option audience can search by special keywords. The website also contains an inbuilt system by login user can update the profile continuous basis.

The website contains profiles of 2401 pharma academicians as on date 30th October, 2019 who participated and responded to prepared project questionnaire. Based on participation an analysis report has been prepared comprising participation distribution graphical presentation in respect of title, highest qualification, specialization, interested in academic-industry collaborative work, engaged in academic-industry collaborative work, total teaching

experience, total industry experience, total research experience, area of research interest, academic research projects supervised academic-industry collaborative projects handled, government research projects handled, details of patents published, details of research publications and major research areas on which participant want to collaborate with industries. Compilations of profiles of academicians interested/engaged in research will definitely fostered academic-industrial collaborations in India. Through this database industries must understand the potential of academicians which help to shorting the academicians as per their requirements, as well as by seeing the profile of interested academicians they will contact them for their work. In order to encourage academic-industrial collaborations in India from the grass root level compiled database of academicians's profile will play an important role in future. The significant database will be useful to foster the academia-industry collaboration, helpful to prove potential of academicians as innovative researchers to fulfill the requirements of Pharma Industries.

Indeed, we request you to participate in this sincere and generous collaboration to create effective and relevant database, by providing details about your expertise comprising personnel, academic and professional aspects. We assure you that this collaboration will be helpful to achieve great collective goals for growth of pharma Profession.

Dr. Neelesh Malviya
Principal Investigator

Acknowledgement

LOCAL PROJECT ADVISORY COMMITTEE

Prof. TR Saini,

Head, Department of Pharmacy, Shri GS Institute of Technology and Science, Indore

Prof. Rajesh Sharma,

Head, School of Pharmacy, Devi Ahilya Vishwavidyalaya, Indore

Dr. Arun K Gupta,

Principal, School of Pharmacy, Dr APJ Abdul Kalam University, Indore

Prof. Neetesh K Jain,

Department of Pharmacy, Oriental University, Indore

Prof. Rajesh Jangalwa,

Prestige Institute of Management and Research, Indore

Dr. HB Singh,

Department of Science & Technology, Technology Bhawan, New Delhi

Dr. Naveen K Choudhary,

Department of Pharmacy, Mandsaur University, Mandsaur

Dr. Meena Sharma,

Computer Engineering Department, Institute of Engineering and Technology,

Devi Ahilya Vishwavidyalaya, Indore

Shri. Manoj Kanungo,

Management Representative, Smriti College of Pharmaceutical Education, Indore

Dr. Neelesh Malviya,

Smriti College of Pharmaceutical Education, Indore

(For expert guidance, criticism & encouragement)

RESPONDENTS

Academicians of Pharmacy institutions of entire country

(For participating in the study)

FUNDING AGENCY

National Science & Technology Management Information System (NSTMIS)

A Division of Department of Science and Technology (DST)

(For financial support)

HOSTED INSTITUTE

Smriti College of Pharmaceutical Education, Indore

(For providing necessary facilities to accomplish the study)

Executive summary

1. Today, industries are trying to track down innovative solutions from the academia to assist them in efficient manner with higher productivity and lower costs. A pragmatic way to bridge the gap is that industries should approach academician to spend time at their facility to solve their problems and issues. This development is not possible without the database comprising of profile of academicians interested or engaged especially in industrial oriented research work. In India, Present-day necessity is to fall in line and bridge the gap between academics and industries.
2. Research team of Smriti College of Pharmaceutical Education, Indore (M.P.) was undertaken a project 'Compilation of profiles of Pharma academicians interested/engaged in academic-industry collaborations" sponsored by National Science & Technology Management Information System (NSTMIS) A Division of Department of Science and Technology (DST) with the aim to The created database comprises of academician's details along with their research expertise.
3. Pharmacy academicians from entire country were called for participation with the capacity of respondents in the study.
4. A web portal www.spaics.in was developed along with features of user login, add profile and searching features. Respondents information's has been collected through specially designed questionnaire, comprising personal information's, academic details and professional details.
5. Project report compiled and summarized the analysis of Pharmacy institution in India based on approved Pharmacy institution in India, State wise distribution of approved Pharmacy institute and Course wise classification of Pharmacy institute.
6. Pharmacy academicians of approved institutions from entire country were approached to collect the information's with the help of e-mail, mailing of hard copy of brochure, personal visits, interactions in pharma conferences, telephone calls, SMS, whats-app

messaging and social media networking like linkedin, facebook etc.

7. The website contains profiles of 2401 pharma academicians as on date 30th October, 2019 who participated and responded to prepared project questionnaire. Pharmacy academicians information's has been collected and an analyses report including Designation distribution, Qualification distribution, Specialization distribution, Expertise distribution, Interested vs. engaged in academia-industry collaborations, Projects distribution, Publication distribution, Interest areas of Academic- industry collaborative distribution was prepared.
8. From the data collected it has been analyzed that academicians in best institutes engaged in academic research, but on higher end maximum of their research is limited to publications or patentability, very few are transformed into marketed or commercialized products.
9. The responses from academicians also revealed that they are interested to do research work at pilot scale for pharma industries if industries provided funding for development of research facilities like lab infrastructure and instrumentations.
10. The developed website would require future enhancements for optimal use of the data by the industry and academic institutions to strengthen the academia-industry collaborations to fasten the research and innovations in pharmaceutical field.

Chapter 1: Introduction & Background

1.1 Introduction

Academia-industry collaboration has persistently a matter of debate in academic and industry. Research done in academia and its translation into marketable products certainly is not new. A high-quality academic research can assist industry to produce economical product to the society. Traditionally, academics were professed as a foundation of innovations and industry act as platform provider to convert those innovations to consumer products. The need for sharing knowledge between research institutions and industry has become increasingly evident in recent years. To translate academic ideas into industrial products the collaboration of research academic institutions and the industry is needed and the academic institute should be permissible by the industries for making more reachable to offered resources. Our country has a large resource power in sort of all the materials required for a research work to be carried over successfully. We have a large number of well-educated persons in the field of pharmacy; we have our own traditional knowledge, natural resources, large number of student community etc. We have everything but still we can't utilize these why? The simple reason is we don't know the power of each of us and are not utilizing it to the maximum. The major problem in this field is facing is that there is neither a good tie up nor a successful relationship between the companies and the academic institutions in India. There exist only a few relationships in the same in India. Currently, certain research institutions have staffs that actively pursue links with industry, but they lack the interactions amongst themselves and with industries. Though academicians in best institutes engage in research, but maximum of their research is limited to publications or patentability on higher hand, very few are converted into marketed or

commercialized products. Therefore if academicians research orientation is as per the need of industry or if academicians work for industrial research it will help to generate more revenue and also help to reduce the time and it will help to reduce the research expenditure of industries.

1.2 Project objective

Interactions between the pharmaceutical academics and pharmaceutical industry have been gradually increasing over the past decade. These can vary from contractual research to collaborative research or even to structured partnerships. To convert these interactions into legal collaborations appropriate connection or regular linking between both is necessitated. With this aim the proposal is designed to create database of profiles of Pharmacy Profession Academicians interested/ engaged in academic-industrial collaborations for enhancing the sharing of their interest or potential among industrial peoples.

The main objective of the proposed project is:

To collect and compile profiles of Pharmacy Profession Academicians interested/ engaged in academic-industrial collaborations.

1.3 Expected benefits of the study

- Database of Pharmacy Profession Academicians interested /engaged in academia-industry collaborations will be prepared
- Database of Pharmacy Profession Academicians along with their research interest/ expertise will facilitate to make use of their research knowledge for additional academia-industry collaborations

- Database consists of contact information's of Pharmacy Profession Academicians that could be helpful to contact them in a very short time for further research and academic-industrial collaborations
- Through database the selection of right Pharmacy Profession Academicians for right research work become easy

1.4 Methodology

1. Target population	Academicians of Pharmacy Profession
2. Method of data collection	<ul style="list-style-type: none"> • Data were collected through mailing and developed website using structured questionnaire specially designed for project • Project information brochure along with sample questionnaire was sent to the pharmacy institutions to convey them about project objectives, outcome, and benefits. • An exclusive website titled www.spaics.in was developed for the collection of prescribed data • A Local Project Advisory Committee (LPAC) was constituted under the Chairmanship of Prof. TR Saini, Head, Department of Pharmacy, Shri GS Institute of Technology and Science, Indore. • Research team participated in various pharma

	conferences, seminars and pharma events for the collection of data as well as to motivate academicians for their active participation.
3. Processing of collected data	The information collected in various steps was compiled tabulated, analyzed and draft report prepared. This was presented through power point to the LPAC members in the meetings for their comments and suggestions.

1.5 Project Team

Dr. Neelesh Malviya

Principal Investigator, DST-NSTMIS Project

Professor and Principal, Smriti College of Pharmaceutical Education, Indore

Mr. Nikkkee Chhattani

Research Consultant, IT Expert

Mr. Ankit Mangal

Research Assistant

1.6 Host Institute



Smriti College of Pharmaceutical Education, Indore

AICTE & PCI Approved | Affiliated to RGPV

4/1 Pipliya Kumar Mayakhedi, MR-11, Dewas Naka, Indore (M.P.)

T. 0731 2802467 | E. Princial@scopeindore.info | W. www.scopeindore.info

1.7 Local Project Advisory Committee

A local Project Advisory Committee (LPAC) was set up to advise and guide GESS from time to time during the execution of the study. The details of the team are given below:

LPAC Team:

1. Prof. TR Saini, Head, Department of Pharmacy, Shri GS Institute of Technology and Science, Indore
2. Prof. Rajesh Sharma, Head, School of Pharmacy, Devi Ahilya Vishwavidyalaya, Indore
3. Dr. Arun K Gupta, Principal, School of Pharmacy, Dr APJ Abdul Kalam University, Indore
4. Prof. Neetesh K Jain, Department of Pharmacy, Oriental University, Indore
5. Prof. Rajesh Jangalwa, Prestige Institute of Management and Research, Indore
6. Dr. HB Singh, Department of Science & Technology, Technology Bhawan, New Delhi
7. Dr. Naveen K Choudhary, Department of Pharmacy, Mandsaur University, Mandsaur
8. Dr. Meena Sharma, Computer Engineering Department, Institute of Engineering and Technology, Devi Ahilya Vishwavidyalaya, Indore
9. Shri. Manoj Kanungo, Management Representative, Smriti College of Pharmaceutical Education, Indore

1.8 Limitations of the study

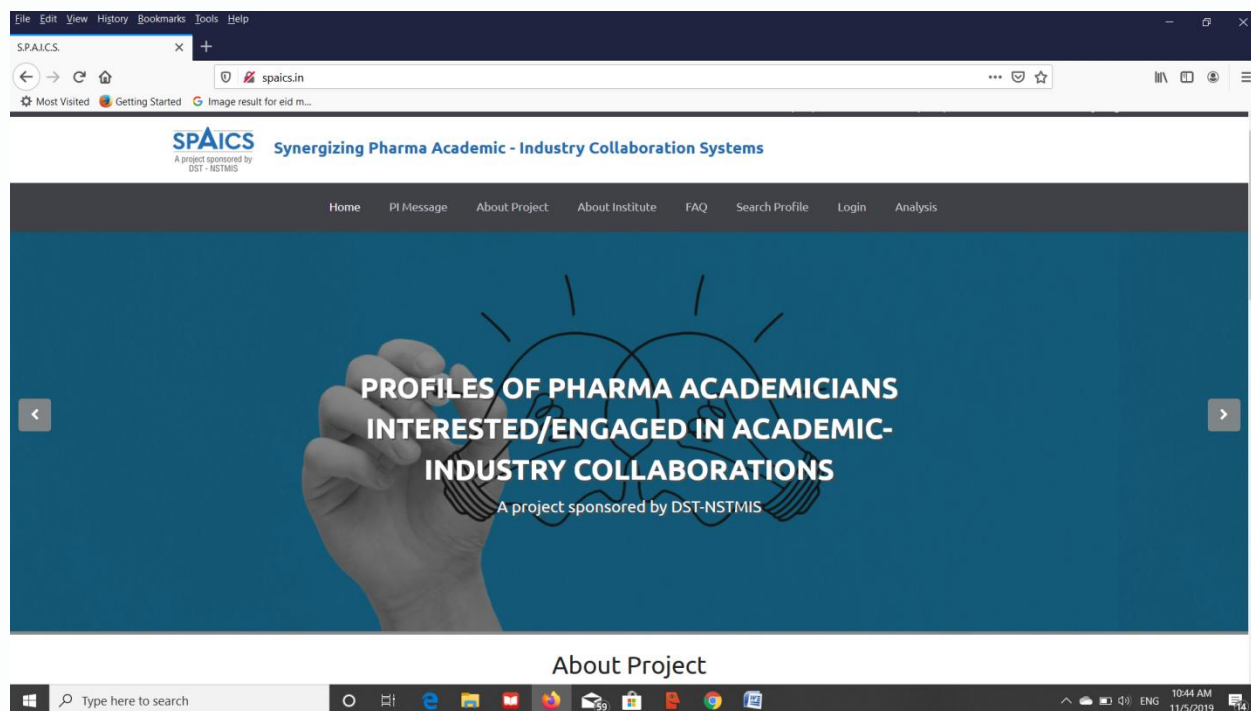
1. Pharma academicians from various institutions were approached but only few academicians have been participated, in spite of the best efforts and repeated reminders, phone calls, emails and Messages.

2. Maximum numbers of academicians are from private institutions they replied they are not interested in academic- industry collaborative work due to stability issues of job.
3. Most of the academicians approached were reluctant to fill the questionnaire, reason was found that pharma industries in India not interested to collaborate with Indian institutes because of lack of research facilities. Due to that reason they don't have enough data to fill questionnaire so they were not interested to participate in the study.
4. Academicians not completely filled the data related to research interest, academic projects handle, collaborative projects handle, government projects handle, patents and publications details and details of research areas interested to collaborate with industry. The Compilation of incomplete data according to prescribed format of website has taken extra efforts to make data uniform.
5. Analysis of data for website has taken long time since a number of academicians did not fill the questionnaire according to prescribed format.

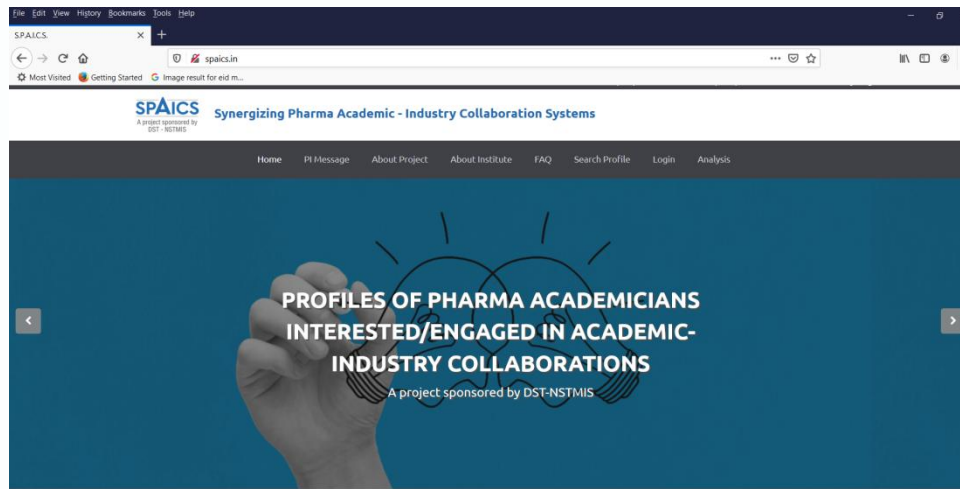
Chapter 2: Interactive Website www.spaics.in

2.1 Overview of the website www.spaics.in:

- Home Page
- PI Message Page
- About Project Page
- About Institute Page
- FAQ Page
- Search Profile Page
- Login Page
- Add Profile Page
- Analysis



➤ Home Page



About Project



About Us

Today, industries are trying to track down innovative solutions from the academia to assist them in efficient manner with higher productivity and lower costs. A pragmatic way to bridge the gap is that industries should approach academician to spend time at their facility to solve their problems and issues. This development is not possible without the database comprising of profile of academicians interested or engaged especially in industrial oriented research work. In India, Present-day necessity is to fall in line and bridge the gap between academics and industries. Compilations of profiles of academicians interested/engaged in research will absolutely stimulate association between both of them..

[Read More](#)

Certificate of Recognition & Appreciation



Principal Investigator Message

ACADEMIA-INDUSTRY COLLABORATION is a persistent matter of debate for both academia and industries. A high-quality academic research can assist industry to produce economical product for the society.

In recent years, it's apparent and obvious that there is great need of sharing knowledge between research institutions and industries. Current Pharma Market urgently requires collaboration of both the parties. Such Collaboration will translate research ideas into industrial products; in addition institutes will be more reachable and permissible by the industries. Currently, certain research institutions have faculty's fraternities that actively pursue links with industry, but they lack the interactions amongst themselves and with....[Read More](#)

[Add Your Profile](#)

Participant Login

Email

Password

[Forgot Password?](#)

[Login](#)

[For New User](#)

[Download Brochure](#)

[Download Participant Profile Form](#)

About Institute

Smti College of Pharmaceutical Education, Indore (SCOPE) is a premier institute of Central India, imparting Pharmaceutical Education in a quality manner to stir out technically competent Pharmacist and job-ready post-graduates. Nestled on MR 11 near flourishing bypass, SCOPE was founded in 1999 under the aegis of B.R Nahata Smti Sansthan with an objective "Quality Education for All".

[Read More](#)

Our Link

[Home](#)
[About Institute](#)
[About Project](#)
[FAQ](#)

Contact Us

☎ : +91 98263 19555

✉ : pi@spaics.in

[f](#) [t](#) [G+](#) [in](#)

➤ PI Message Page

The screenshot shows a web browser window displaying the SPAICS website. The page title is "Principal Investigator Message". The header includes the SPAICS logo and navigation links: Home, PI Message, About Project, About Institute, FAQ, Search Profile, Login, and Analysis. The main content area features a profile picture of Dr. Neelash Mahuya, Principal Investigator, and a message about academia-industry collaboration. The footer contains sections for "About Institute", "Our Link", and "Contact Us".

Principal Investigator Message

ACADEMY-INDUSTRY COLLABORATION is a persistent matter of debate for both academia and industries. A high-quality academic research can assist industry to produce economical product for the society. In recent years, it's apparent and obvious that there is great need of sharing knowledge between research institutions and industries. Current Pharma market urgently requires collaboration of both the parties. Such Collaborator will translate research ideas into industrial products, as these institutes will be more reachable and permissible by the industries.

Currently, certain research institutions have faculty's fraternities that actively pursue links with industry, but they lack the interactions amongst themselves and with industries. Though academicians in best institutes engaged in research, but on higher end maximum of their research is limited to publications or patentability, very few are transformed into marketed or commercialized products.

Therefore, need is alignment of academicians' research towards demand of industry so as to generate more revenue and furthermore reduce the time as well as the research expenditure.

To accomplish this objective our **research team** is developing a database of academicians that can be utilized by Pharma industries. The created database comprises of academicians's details along with their research expertise. The significant database will be useful to foster the academia-industry collaboration, helpful to prove potential of academicians as innovative researchers to fulfill the requirements of Pharma industries. Indeed, I request you to participate in this sincere and generous collaboration to create effective and relevant database, by providing details about your superior comprising personnel, academic and professional aspects. I assure you that this collaboration will be helpful to achieve great collective goals for growth of pharma Profession. If you have any queries, please feel free to contact. Thank you for your time and support.

Dr. Neelash Mahuya
Principal Investigator

About Institute
SriPS College of Pharmaceutical Education, Indore (SCOPE) is a premier institution of Central India imparting Pharmaceutical Education in a quality manner to stir out technically competent Pharmacists and job-ready post-graduates. Nestled on HR 11 near flourishing bypass, SCOPE was founded in 1999 under the aegis of B.R. Hubata SriPS. Serves with an objective "Quality Education for All".

Our Link
Home
About Institute
About Project
FAQ

Contact Us
+91 96263 19555
pi@spaicis.in
dneelashmahuya@gmail.com
f t G+ in

➤ About Project Page

The screenshot shows a web browser window displaying the SPAICS website. The page title is "About Project". The header includes the SPAICS logo and navigation links: Home, PI Message, About Project, About Institute, FAQ, Search Profile, Login, and Analysis. The main content area contains text about the project's objective and a diagram illustrating the project's goal.

About Project

(A project sponsored by DST-NBT/HS)

Today, industries are trying to track down innovative solutions from the academia to assist them in efficient manner with higher productivity and lower costs. A pragmatic way to bridge the gap is that industries should approach academicians to spend time at their facility to solve their problems and issues. This development is not possible without the database comprising of profiles of academicians interested or engaged especially in industrial oriented research work.

In India, Present-day necessity is to fill in line and bridge the gap between academics and industries. Compilations of profiles of academicians interested/engaged in research will absolutely stimulate association between both of them.

In context of present and future research studies in India, created database of profiles will play a marked role to boost above collaborations from the grass root level. Certainly by database industries can recognize and appreciate the potential of academicians. Furthermore can shortlist them in accordance with requirements, by having a flash towards their profile and eventually can contact them easily.

Objective of the project

The interactions between the pharmaceutical academics and industries can vary from contractual research to collaborative research or even to structured partnerships. Hence, to convert these interactions into legal collaborations appropriate connection or regular linking between both is necessitated. With this objective present project is sketched to collect, compile and create database of profiles of Pharma/Pharmaceutical Academicians interested/engaged in academic/industrial collaborations. The frame of database will definitely revitalize them to share their interest and potential among industrialists.

Project Team

The diagram shows a central box labeled "Database of Academicians Profiles" with arrows pointing to "Academicians" and "Industries". Below these are boxes for "COLLABORATIONS" and "Industries".

➤ About Institute Page

The screenshot shows a web browser window displaying the SPAICS website. The address bar shows 'spaics.in/about-institute'. The page header includes the SPAICS logo and the tagline 'Synergizing Pharma Academic - Industry Collaboration Systems'. The main content area features a large image of a modern building and a detailed text block about the institute's history and mission. The text describes SPAICS as a premier institute of Central India, established in 1999, that provides quality education for B.Pharm and M.Pharm courses. It highlights the institute's focus on research, innovation, and industry collaboration. Below the text is a photograph of the SPAICS building. The footer contains navigation links, contact information, and social media icons.

➤ FAQ Page

The screenshot shows a web browser window displaying the SPAICS website's FAQ page. The address bar shows 'spaics.in/faq'. The page header is consistent with the 'About Institute' page. The main content area lists several frequently asked questions in red text, including 'Who are eligible to participate?', 'How to participate?', 'Participation Fees', 'Agreement of confidentiality', 'Certificate of Recognition & Appreciation', and 'Corresponding Address'. Each question is followed by a brief answer. The footer contains navigation links, contact information, and social media icons.

➤ User registration Page

The screenshot shows a web browser window with the URL `spaics.in/login`. The page header includes the SPAICS logo and the tagline "Synergizing Pharma Academic - Industry Collaboration Systems". A navigation menu contains links for Home, PM Message, About Project, About Institute, FAQ, Search Profile, Login, and Analysis. The main content area features a "Login" heading and a "Login Information" form with fields for Email and Password, and buttons for "Login" and "Registration". The footer contains an "About Institute" section, an "Our Link" section with navigation options, and a "Contact Us" section with contact details and social media icons. The Windows taskbar at the bottom shows the search bar and various application icons.

The screenshot shows a web browser window with the URL `spaics.in/registration`. The page header and navigation menu are identical to the login page. The main content area features a "Registration" heading and a "Registration Information" form with fields for Email, Password, and Confirm Password, and a "Next" button. The footer content is also identical to the login page. The Windows taskbar at the bottom shows the search bar and various application icons.

File Edit View History Bookmarks Tools Help

SPAICS.S SPAICS.S

spaics.in/registration

SPAICS Synergizing Pharma Academic - Industry Collaboration Systems

Home PM Message About Project About Institute FAQ Search Profile Login Analysis

Registration

Personal Information

Firstname Lastname
 Gender
 Designation Organization

Choose your recent passwor size photo...

About Institute
 Smith College of Pharmaceutical Education, Indore (SCOPE) is a premier institute of Central India, imparting Pharmaceutical Education in a quality manner to stir out technically competent Pharmacist and job ready post graduate. Nestled in MP-11 near Raushnabad bypass, SCOPE was founded in 1999 under the aegis of IRI Raushnabad Service Senter with an objective "Quality Education for All".
[Read More](#)

Our Link
 Home
 About Institute
 About Project
 FAQ

Contact Us
 +91 96263 19555
 pi@spaics.in
 dineshmalviya@gmail.com
 f G+ in

Type here to search

10:52 AM 11/5/2019

File Edit View History Bookmarks Tools Help

SPAICS.S SPAICS.S

spaics.in/registration

SPAICS Synergizing Pharma Academic - Industry Collaboration Systems

Home PM Message About Project About Institute FAQ Search Profile Login Analysis

Registration

Contact Information

Contact Number
 Address
 City Zip Code
 Select State Select Country
 I hereby declare that the details furnished above are true and correct to the best of my knowledge and belief.

About Institute
 Smith College of Pharmaceutical Education, Indore (SCOPE) is a premier institute of Central India, imparting Pharmaceutical Education in a quality manner to stir out technically competent Pharmacist and job ready post graduate. Nestled in MP-11 near Raushnabad bypass, SCOPE was founded in 1999 under the aegis of IRI Raushnabad Service Senter with an objective "Quality Education for All".
[Read More](#)

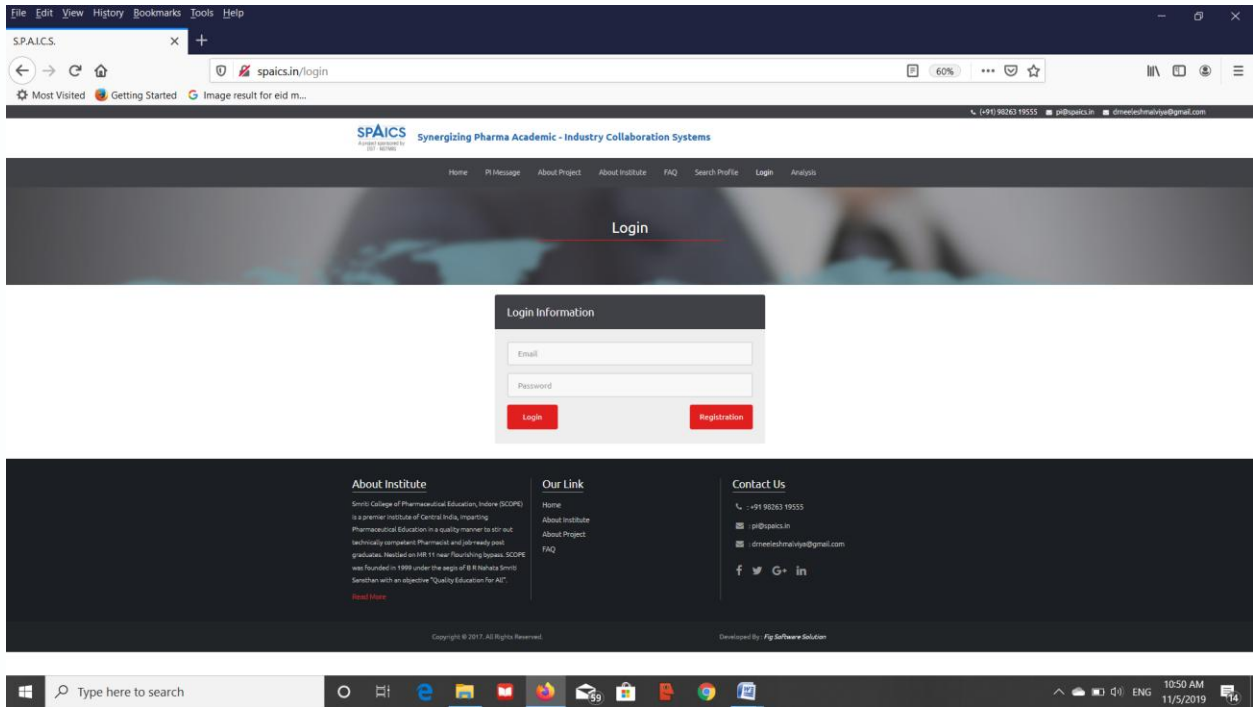
Our Link
 Home
 About Institute
 About Project

Contact Us
 +91 96263 19555
 pi@spaics.in

Type here to search

10:53 AM 11/5/2019

➤ User Login Page



The screenshot shows the SPAICS User Login Page. The browser address bar displays "spaics.in/login". The page header includes the SPAICS logo and the tagline "Synergizing Pharma Academic - Industry Collaboration Systems". The navigation menu contains links for Home, PI Message, About Project, About Institute, FAQ, Search Profile, Login, and Analysis. The main content area features a "Login" heading and a "Login Information" form with fields for Email and Password, and buttons for "Login" and "Registration". The footer contains sections for "About Institute", "Our Link", and "Contact Us".

SPAICS Synergizing Pharma Academic - Industry Collaboration Systems

Home PI Message About Project About Institute FAQ Search Profile Login Analysis

Login

Login Information

Email

Password

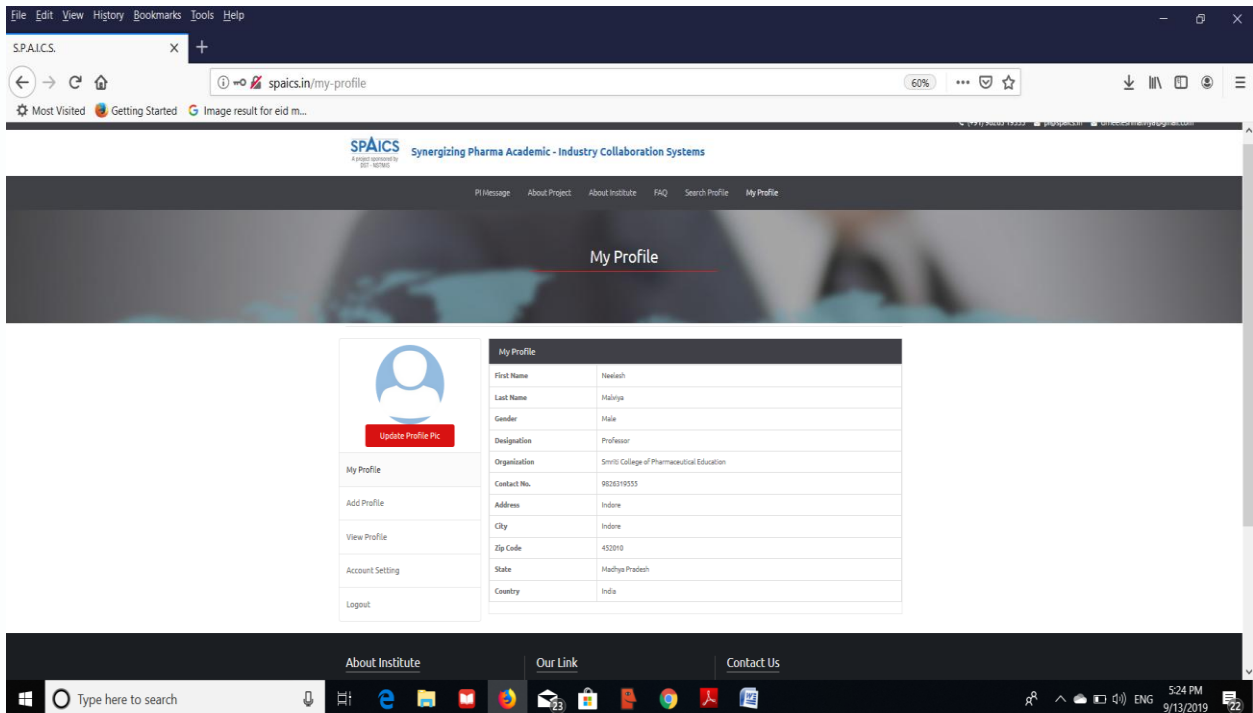
[Login](#) [Registration](#)

About Institute
Smt's College of Pharmaceutical Education, Indore (SCOPE) is a premier Institute of Central India, imparting Pharmaceutical Education in a quality manner to stir out technically competent Pharmacists and job-ready post-graduates. Nestled on HR 11, near Fleuching Topical, SCOPE was founded in 1999 under the aegis of B. B. Institute Group, founded with an objective "Quality Education for All".
[Read More](#)

Our Link
[Home](#)
[About Institute](#)
[About Project](#)
[FAQ](#)

Contact Us
+91 98263 19555
pi@spaics.in
dmeeshmahivya@gmail.com
[f](#) [t](#) [G+](#) [in](#)

Copyright © 2017. All Rights Reserved. Developed By: [Fig Software Solution](#)




The screenshot shows the SPAICS My Profile Page. The browser address bar displays "spaics.in/my-profile". The page header includes the SPAICS logo and the tagline "Synergizing Pharma Academic - Industry Collaboration Systems". The navigation menu contains links for PI Message, About Project, About Institute, FAQ, Search Profile, and My Profile. The main content area features a "My Profile" heading and a profile card with a profile picture and a list of profile details. The footer contains sections for "About Institute", "Our Link", and "Contact Us".

SPAICS Synergizing Pharma Academic - Industry Collaboration Systems

PI Message About Project About Institute FAQ Search Profile My Profile

My Profile


[Update Profile Pic.](#)

My Profile

[Add Profile](#)

[View Profile](#)

[Account Setting](#)

[Logout](#)

My Profile	
First Name	Neelesh
Last Name	Mahija
Gender	Male
Designation	Professor
Organisation	Smt's College of Pharmaceutical Education
Contact No.	9826319555
Address	Indore
City	Indore
Zip Code	452010
State	Madhya Pradesh
Country	India

[About Institute](#) [Our Link](#) [Contact Us](#)

➤ User Add Profile Page

The screenshot shows a web browser window with the URL `spaics.in/add-profile`. The page header includes the SPAICS logo and navigation links. The main content area is titled "Your Profile" and features a sidebar menu with options: Personal Information, Academic Details, Professional Details, View Profile, and Logout. The main form, titled "PART - PERSONAL INFORMATION", contains the following fields:

- Title (Prof./Dr./Mr./Ms.): Select Title (dropdown)
- Name: Name (text input)
- Highest Qualification: Select Qualification (dropdown)
- Specialization: Select Specialization (dropdown)
- Designation: Select Designation (dropdown)
- Organization: Organization (text input)
- Corresponding Address: Corresponding Address (text input)
- Email Address: Email Address (text input)
- Mobile Number: Mobile Number (text input)

At the bottom of the form are "Previous" and "Next" buttons. The Windows taskbar at the bottom shows the date and time as 5:26 PM on 9/13/2019.

The screenshot shows the same SPAICS website, but the URL is `spaics.in/academic_detail`. The sidebar menu is updated, with "Academic Details" highlighted and a green checkmark next to "Personal Information". The main form, titled "PART - ACADEMIC DETAILS", contains the following fields:

Qualification	Specialization
Ph.D.	XXX
M.Pharm	XXX
B.Pharm	XXX
Other	XXX

At the bottom of the form are "Previous" and "Next" buttons. A green notification banner at the top right of the page reads "Personal Information added successfully". The footer contains sections for "About Institute", "Our Link", and "Contact Us". The Windows taskbar at the bottom shows the date and time as 5:27 PM on 9/13/2019.

File Edit View History Bookmarks Tools Help

SPAICS. x +

spaics.in/academic_detail

Most Visited Getting Started Image result for eid m...

SPAICS Synergizing Pharma Academic - Industry Collaboration Systems

in message About Project About Institute FAQ Search Profile My Profile

Your Profile

Personal Information

Academic Details

Professional Details

View Profile

Logout

PART II: ACADEMIC DETAILS

Qualification	Specialization
M.D.	100
M.Pharm	100
B.Pharm	100
Other	100

Previous Next

About Institute

Sri Sri College of Pharmaceutical Education, India (SSCE) is a premier Institute of Central India, imparting Pharmaceutical Education in a quality manner to all our interesting students. Pharmaceutical and job ready graduates. Founded on 1987 11 year flourishing history. SSCEP was founded in 1989 under the aegis of Sri Sri Pharmacy Society. Started with an objective "Quality Education for All".

Our Link

Home
About Institute
About Project
FAQ

Contact Us

+91 8003 19333
sp@ssce.in
sri.sri.pharma@ssce.in

f t g+ in

Copyright © 2017. All Rights Reserved. | Developed By: Pjg Software Solution

Type here to search

5:28 PM 9/13/2019

File Edit View History Bookmarks Tools Help

SPAICS. x +

spaics.in/professional-detail

Most Visited Getting Started Image result for eid m...

SPAICS Synergizing Pharma Academic - Industry Collaboration Systems

in message About Project About Institute FAQ Search Profile My Profile

Your Profile

Personal Information

Academic Details

Professional Details

View Profile

Logout

PART II: PROFESSIONAL DETAILS

Interested in academic-industry collaboration work: Yes No

Engaged in academic-industry collaborative work: Yes No

Please DOB mark your answer!

Previous Next

About Institute

Sri Sri College of Pharmaceutical Education, India (SSCE) is a premier Institute of Central India, imparting Pharmaceutical Education in a quality manner to all our interesting students. Pharmaceutical and job ready graduates. Founded on 1987 11 year flourishing history. SSCEP was founded in 1989 under the aegis of Sri Sri Pharmacy Society. Started with an objective "Quality Education for All".

Our Link

Home
About Institute
About Project
FAQ

Contact Us

+91 8003 19333
sp@ssce.in
sri.sri.pharma@ssce.in

f t g+ in

Copyright © 2017. All Rights Reserved. | Developed By: Pjg Software Solution

Type here to search

5:29 PM 9/13/2019

File Edit View History Bookmarks Tools Help

SPA.I.C.S. x +

spaics.in/professional-detail

SPA.I.C.S. Synergizing Pharma Academic - Industry Collaboration Systems

Home Message About Project About Institute FAQ Search Profile My Profile

Your Profile

Personal Information

Academic Details

Professional Details

View Profile

Login

A. Professional Experience

Total Teaching Experience	000
Total Industrial Experience	000
Total Research Experience	000

[Previous](#) [Next](#)

About Institute

Senior College of Pharmaceutical Education, India (SCPEI) is a premier Institute of Central India, imparting Pharmaceutical Education to quality aspirants to get into Technically Superior Pharmaceutical and job-ready graduates. Institute, Ranked on NIR 17 (top Young's World Survey) with Turnover of 1000 crores. It is one of 25 Ranked 2nd in Surveys with an excellent "Quality Education for All".

Our Link

Home
About Institute
About Project
FAQ

Contact Us

+91 80002 19333
spaics.in
dr.maheshmishra@gmail.com

f t g+ in

Copyright © 2017. All Rights Reserved. Developed By: Pq Software Solution

Type here to search

5:29 PM 9/13/2019

File Edit View History Bookmarks Tools Help

SPA.I.C.S. x +

spaics.in/professional-detail

SPA.I.C.S. Synergizing Pharma Academic - Industry Collaboration Systems

Home Message About Project About Institute FAQ Search Profile My Profile

Your Profile

Personal Information

Academic Details

Professional Details

View Profile

Login

A. Professional Experience

The information is used to generate your resume, CV, and form.

A.1 Research Interest

A.2 Academic research or projects you are lead

A.3 Academic Industry Collaboration Projects handled research projects you are lead

A.4 Government Projects handled

A.5 Grants or Patents

A.6 Research Publications

A.7 Paper research areas of which you want to collaborate with industry

A.8 Sample Analyze Client Profile Research Help Link

A.9 Research Data Profile Research Help Link

[Previous](#) [Next](#)

About Institute

Senior College of Pharmaceutical Education, India (SCPEI) is a premier Institute of Central India, imparting Pharmaceutical Education to quality aspirants to get into Technically Superior Pharmaceutical and job-ready graduates. Institute, Ranked on NIR 17 (top Young's World Survey) with Turnover of 1000 crores. It is one of 25 Ranked 2nd in Surveys with an excellent "Quality Education for All".

Our Link

Home
About Institute
About Project
FAQ

Contact Us

+91 80002 19333
spaics.in
dr.maheshmishra@gmail.com

f t g+ in

Copyright © 2017. All Rights Reserved. Developed By: Pq Software Solution

Type here to search

5:30 PM 9/13/2019

➤ Search Profile Page

SPAICS Synergizing Pharma Academic - Industry Collaboration Systems

Home | PI Message | About Project | About Institute | FAQ | Search Profile | Login | Analysis

Search Profile

Total Profile Registered : 2408

Search by:

Please Select:

Advance Search

Search:

Search

Search View

S. No.	Profile No.	Name of Academicians	Designation	Organization	Area of Specialization	Area of Expertise	Interested in academic-industry collaboration	Engaged in academic-industry collaboration	Action
--------	-------------	----------------------	-------------	--------------	------------------------	-------------------	---	--	--------

About Institute
Sri Sri College of Pharmaceutical Education, Indore (SCOPE) is a premier institute of Central India, imparting Pharmaceutical Education in a quality manner to our technically competent Pharmacist and jobready post-graduates. Nestled on NH 11 near Rounding bypass, SCOPE was founded in 1999 under the aegis of Bhopal Group Sansthan with an objective "Quality Education for All".

Our Link
Home
About Institute
About Project
FAQ

Contact Us
+91 98263 19555
pi@spaics.in
drneeshmalviya@gmail.com

➤ Analysis

SPAICS Synergizing Pharma Academic - Industry Collaboration Systems

Home | PI Message | About Project | About Institute | FAQ | Search Profile | Login | Analysis

Analysis

PHARMA ACADEMICIANS REGISTERED (TITLE WISE DISTRIBUTION)

TITLE	PHARMA ACADEMICIANS REGISTERED
Prof.	12 %
Dr.	16 %
Mrs.	21 %
Mr.	42 %
Ms.	9 %

PHARMA ACADEMICIANS REGISTERED (QUALIFICATION WISE DISTRIBUTION)

HIGHEST QUALIFICATION	PHARMA ACADEMICIANS REGISTERED
Ph.D.	12 %
M. Pharm.	82 %
B. Pharm.	6 %

2.1.1 Basic features

- 1. User friendly**
- 2. User login registration**
- 3. User login**
- 4. Add profile**
- 5. Search profile**
- 6. View profile**
- 7. Download profile**

2.1.2 New user registration- Registration form

- **Login information**
 - **Email Id**
 - **Password**
- **Personal information**
 - **First Name**
 - **Last Name**
 - **Gender**
 - **Designation**
 - **Organization**
 - **Photo uploading**
- **Contact information**
 - **Contact number**
 - **Address**

- **City**
- **Zip code**
- **Select state**
- **Select country**
- **Register**

2.1.3 Registered user- login

- **User login details**
 - **Email Id**
 - **Password**
- **User Profile**
 - **User photo**
 - **My profile**
 - **First Name**
 - **Last Name**
 - **Gender**
 - **Designation**
 - **Organization**
 - **Contact number**
 - **Address**
 - **City**
 - **Zip code**
 - **State**

- Country
- Account setting
 - Change password
 - Update profile
- View profile

2.1.4 Registered user- add profile

- Personal information
 - Title (Drop down-Prof., Dr., Mr., Mrs.)
 - Name
 - Highest Qualification (Drop down-Ph.D., M. Pharm., B. Pharm. others)
 - Specialization
 - Designation
 - Organization
 - Corresponding address
 - Email address
 - Mobile number
 - Save
- Academic details

Qualification	Specialization
Ph.D.	
M. Pharm.	
B. Pharm.	

Others	
---------------	--

- **Save**

○ **Professional detail**

Interested in Academic-Industry Engaged in Academic-Industry

Collaborative work Collaborative work

<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
-------------------------------------	------------------------------------	-------------------------------------	------------------------------------

Please tick mark your answer

A. Professional Experience

Total Teaching Experience	
Total Industrial Experience	
Total Research Experience	

B. Research Exposure

B.1: Research Interest

B.2: Academic research projects supervised

B.3: Academic-industry collaborative projects handled

B.4: Government projects handles

B.5: Details of Patent

B.6: Research Publications

B.7: Major research areas on which you want to collaborate with industries

2.1.5 Search profile

- Search by
 - Organization
 - Area of specialization
 - Area of expertise
 - Professional experience
 - Qualification
- Advance search
 - Type search keywords

Search View						
S. No.	Name of Academicians	Designation	Organization	Area of Specialization	Area of Expertise	Action
						Download

2.1.6 Analysis

- Participants participation analysis

2.1.7 Who can use the website?

- Universities, Pharmacy institutions and research centers
- Research scholars and students
- Industry professional
- Academicians of Pharmacy institutions

2.1.8 Data bank details

The website compiled profiles of pharmacy academicians including individual personal information, academic details and professional details

- **User photo**
- **User profile**
 - **User personal information**
 - **Use title**
 - **First Name**
 - **Last Name**
 - **Gender**
 - **Designation**
 - **Organization**
 - **Contact number**
 - **Address**
 - **City**
 - **Zip code**
 - **State**
 - **Country**
 - **User academic details**
 - **Highest qualification**
 - **Specialization**

- **User professional details**
 - **Interested/ Engaged in Academic-Industry Collaborative work**
 - **Professional Experience**
 - ✓ **Total Teaching Experience**
 - ✓ **Total Industrial Experience**
 - ✓ **Total Research Experience**
 - **Research Exposure**
- **Research Interest**
 - ✓ **Academic research projects supervised**
 - ✓ **Academic-industry collaborative projects handled**
 - ✓ **Government projects handles**
 - ✓ **Details of Patent**
 - ✓ **Research Publications**
 - ✓ **Major research areas on which you want to collaborate with industries**
- **Account setting**
 - **Change password**
 - **Update profile**
- **View profile**

2.2 How to use the website?

2.2.1 How to register online?

Step 1:	Click on “Login” on top menu bar of website
Step 2:	Provide login credential User name and Password
Step 3:	Click on login button
Step 4:	User profile will display on screen

2.2.2 How to login?

Step 1:	Click on “For New User” in Participant login on bottom section of website
Step 2:	Provide login information User name and Password
Step 3:	Provide personal information- first name, last name, gender, select designation, organization and upload scan copy of passport size photo
Step 4:	Provide contact information- contact number, address, city, select state, select country
Step 5:	Submit registration by clicking on “Register”

2.2.3 How to add profile?

Step 1:	Click on “add profile” on top menu bar of website
Step 2:	Provide personal information followed by save and click on “Next”
Step 3:	Provide academic details followed by save and click on “Next”
Step 4:	Provide professional details followed by save and click on “Next”
Step 5:	Click on “Submit” to submit the profile

2.2.4 How to search profile?

Step 1:	Click on “search profile” on top menu bar of website
Step 2:	Select search profile by selecting drop down search options Organization, Area of specialization, Area of expertise, Professional experience, Qualification
Step 3:	In advance search type keywords word to specify your search
Step 4:	Click on “search”, Search view table will display that consist of various column of registered profiles S. No., Name of Academicians, Designation, Organization, Area of Specialization, Area of Expertise, Action
Step 5:	To download the pdf file of individual profile Click on “Download” in search view table

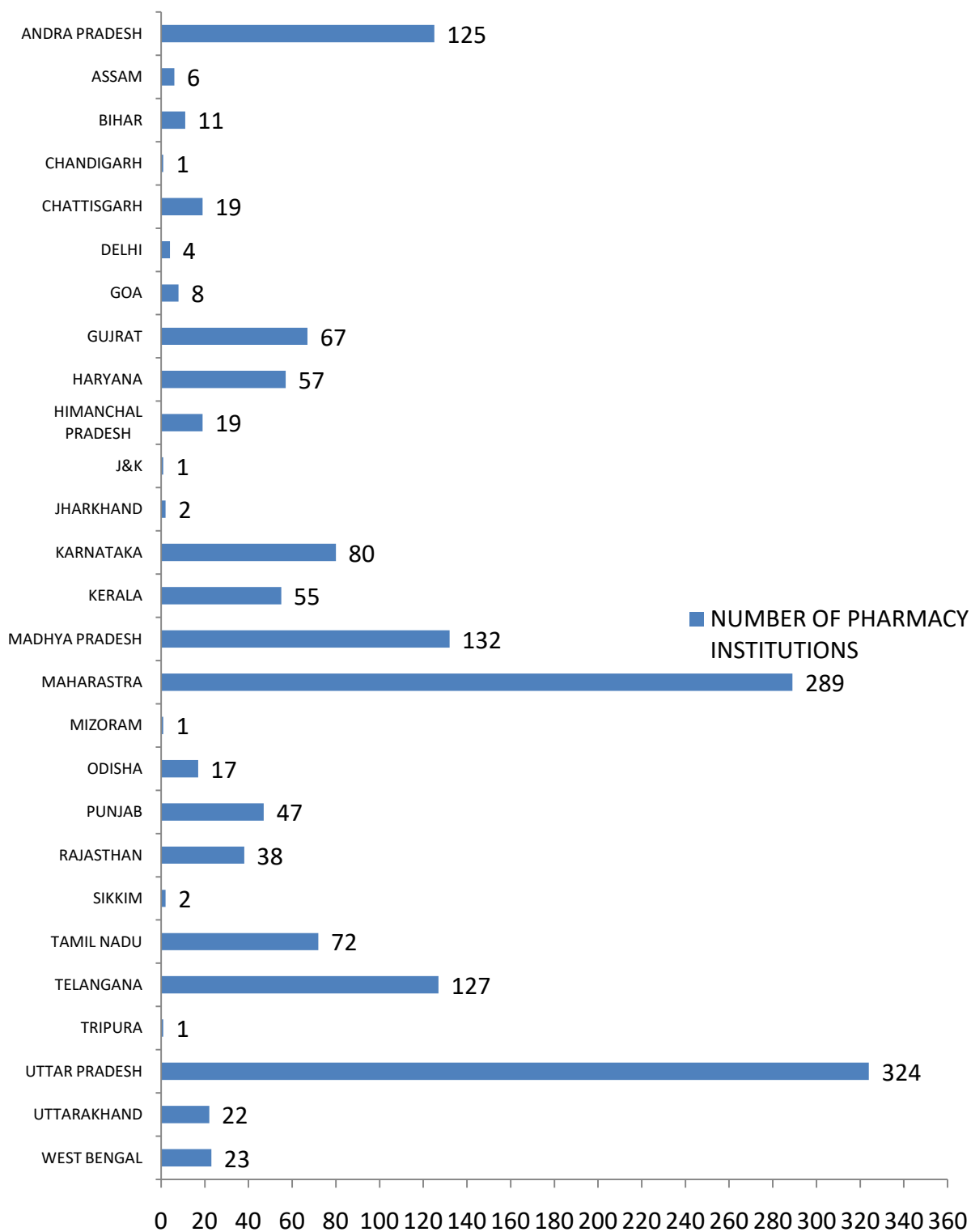
Chapter 3: Pharmacy institution in India- An analysis

3.1 Pharmacy institutions in India- State wise distribution

STATE	PHARMACY INSTITUTIONS IN INDIA (STATE WISE DISTRIBUTION)
ANDRA PRADESH	125
ASSAM	06
BIHAR	11
CHANDIGARH	01
CHATTISGARH	19
DELHI	04
GOA	08
GUJRAT	67
HARYANA	57
HIMANCHAL PRADESH	19
J&K	01
JHARKHAND	02
KARNATAKA	80
KERALA	55
MADHYA PRADESH	132
MAHARASTRA	289
MIZORAM	01

ODISHA	17
PUNJAB	47
RAJASTHAN	38
SIKKIM	02
TAMIL NADU	72
TELANGANA	127
TRIPURA	01
UTTAR PRADESH	324
UTTARAKHAND	22
WEST BENGAL	23
TOTAL PHARMACY INSTITUIONS	1550

PHARMACY INSTITUTIONS IN INDIA (STATE WISE DISTRIBUTION)

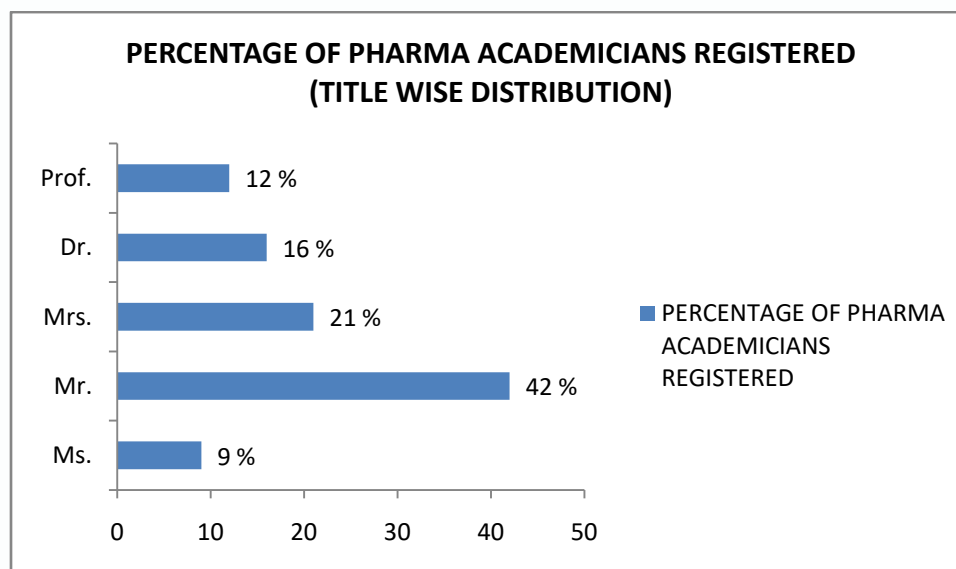


Chapter 4: Pharmacy academicians profile- An analysis

4.1 Percentage of pharma academicians registered (Title wise distribution)

Total pharmacy academicians participated 2401 considered as 100% for further distribution representation

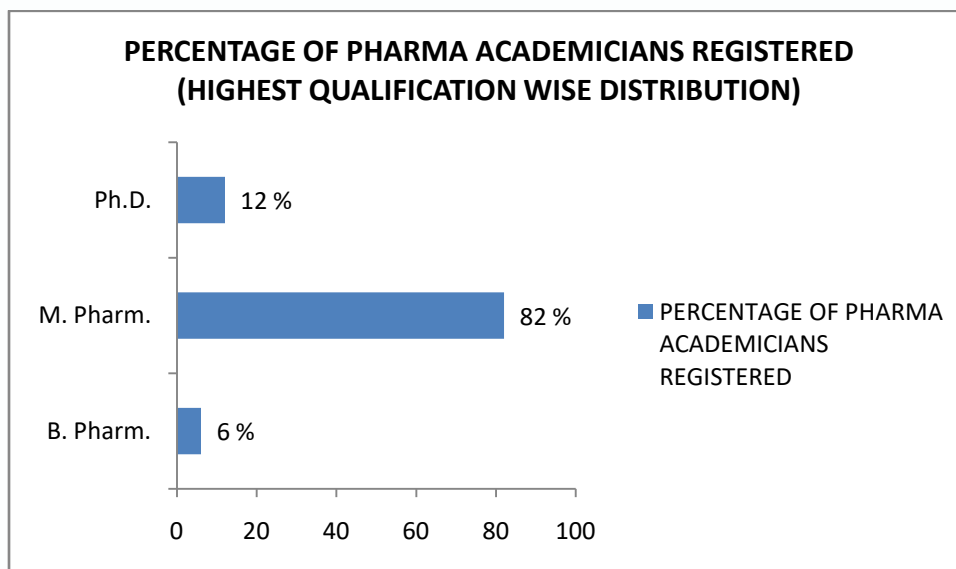
TITLE	PERCENTAGE OF PHARMA ACADEMICIANS REGISTERED
Prof.	12 %
Dr.	16 %
Mrs.	21 %
Mr.	42 %
Ms.	9 %



4.2 Percentage of pharma academicians registered (Highest qualification wise distribution)

Total pharmacy academicians participated 2401 considered as 100% for further distribution representation

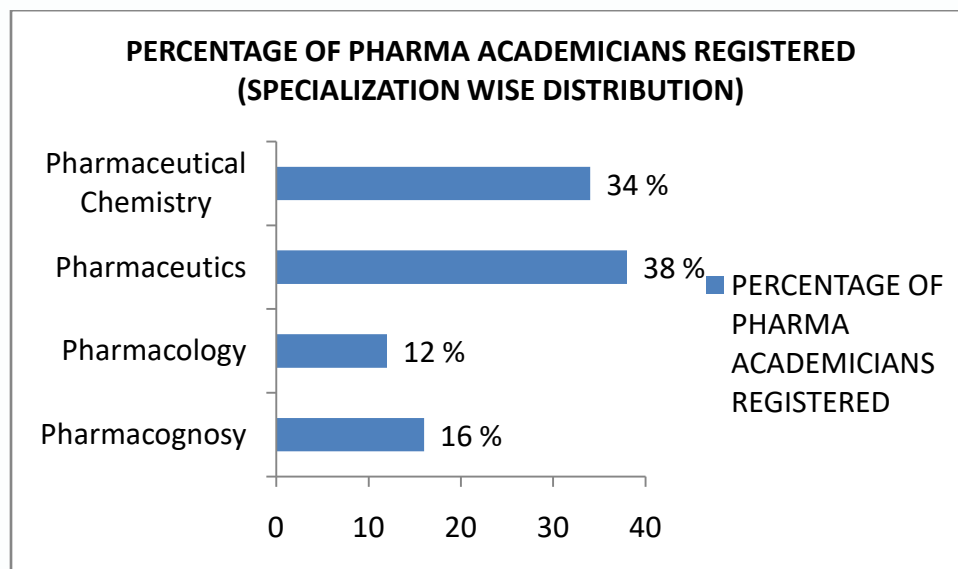
HIGHEST QUALIFICATION	PERCENTAGE OF PHARMA ACADEMICIANS REGISTERED
Ph.D.	12 %
M. Pharm.	82 %
B. Pharm.	6 %



4.3 Percentage of pharma academicians registered (Specialization wise distribution)

Total pharmacy academicians participated 2401 considered as 100% for further distribution representation

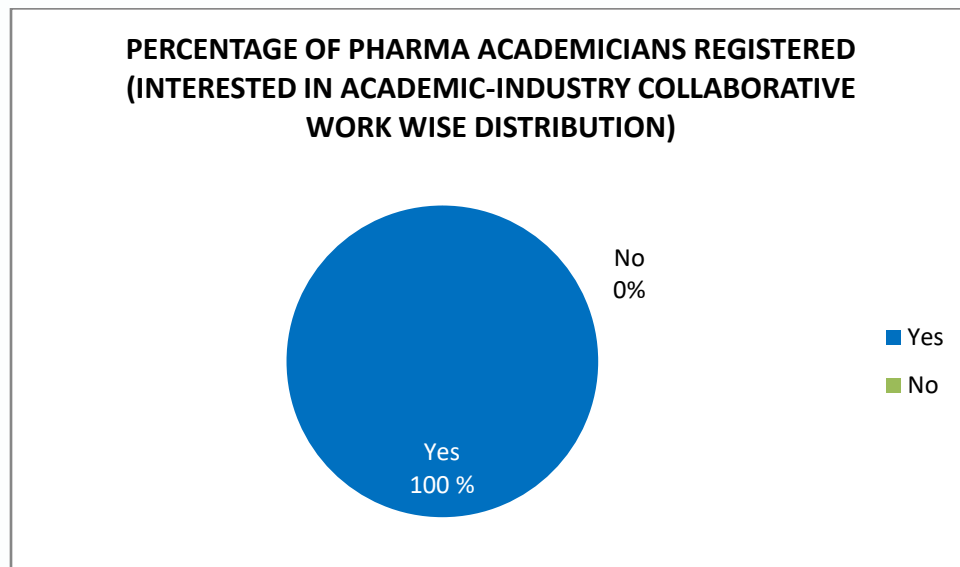
SPECIALIZATION	PERCENTAGE OF PHARMA ACADEMICIANS REGISTERED
Pharmaceutical Chemistry	34 %
Pharmaceutics	38 %
Pharmacology	12 %
Pharmacognosy	16 %



4.4 Percentage of pharma academicians registered (Interested in academic-industry collaborative work wise distribution)

Total pharmacy academicians participated 2401 considered as 100% for further distribution representation

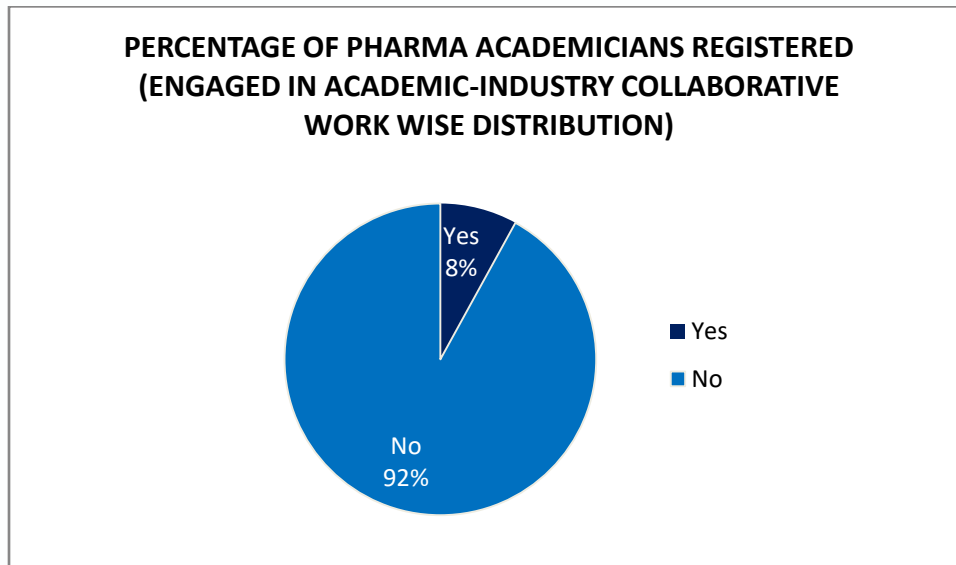
INTERESTED IN ACADEMIC-INDUSTRY COLLABORATIVE WORK	
Yes	100 %
No	0 %



4.5 Percentage of pharma academicians registered (Engaged in academic-industry collaborative work wise distribution)

Total pharmacy academicians participated 2401 considered as 100% for further distribution representation

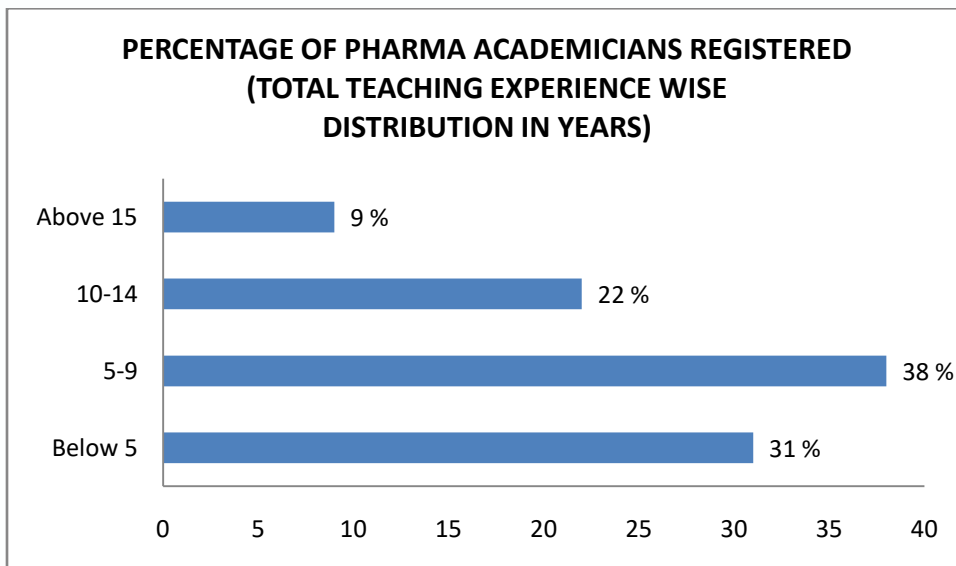
ENGAGED IN ACADEMIC-INDUSTRY COLLABORATIVE WORK	
Yes	8 %
No	92 %



4.6 Percentage of pharma academicians registered (Total teaching experience wise distribution in years)

Total pharmacy academicians participated 2401 considered as 100% for further distribution representation

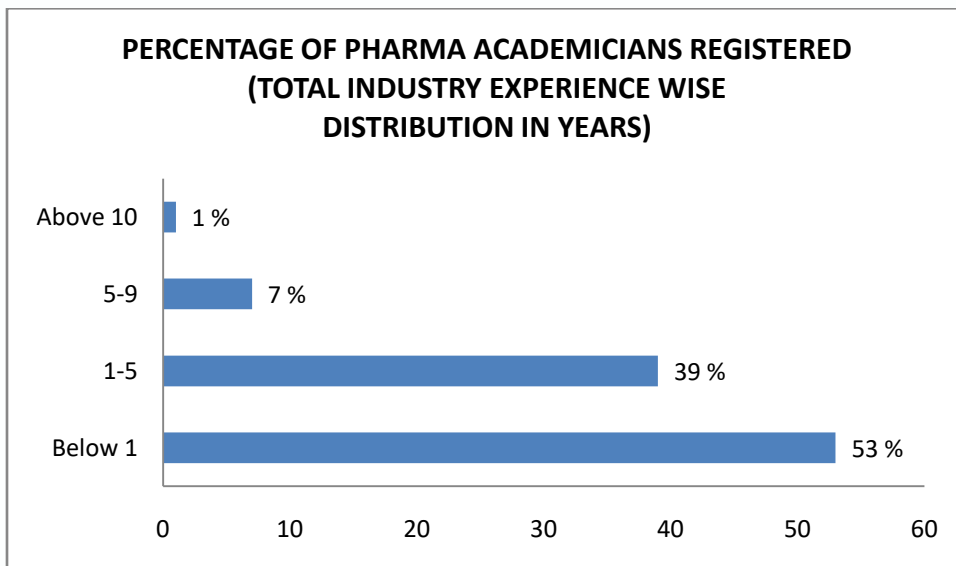
TOTAL TEACHING EXPERIENCE	
Above 15	9 %
10-14	22 %
5-9	38 %
Below 5	31 %



4.7 Percentage of pharma academicians registered (Total industry experience wise distribution in years)

Total pharmacy academicians participated 2401 considered as 100% for further distribution representation

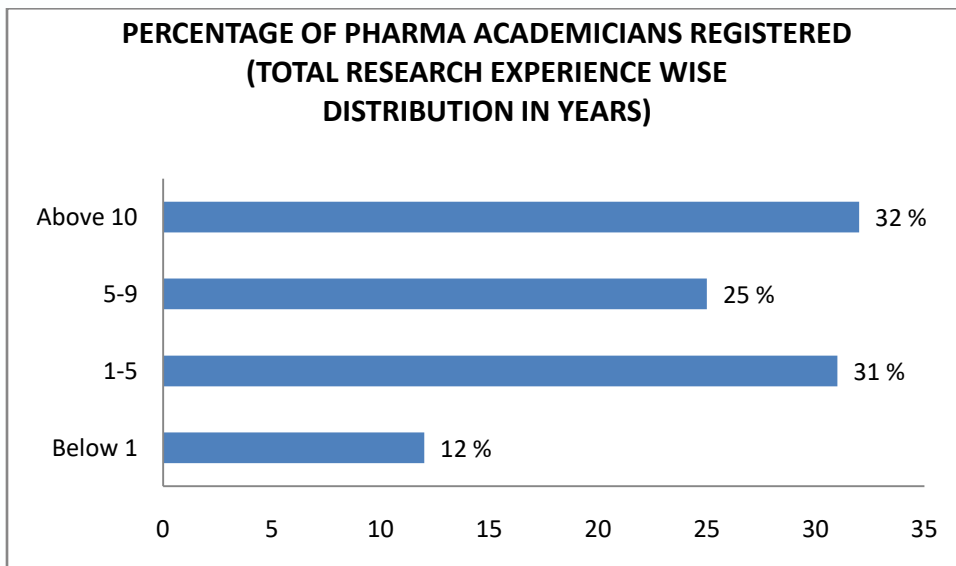
TOTAL INDUSTRY EXPERIENCE	
Above 10	1 %
5-9	7 %
1-5	39 %
Below 1	53 %



4.8 Percentage of pharma academicians registered (Total research experience wise distribution in years)

Total pharmacy academicians participated 2401 considered as 100% for further distribution representation

TOTAL RESEARCH EXPERIENCE	
Above 10	32 %
5-9	25 %
1-5	31 %
Below 1	12 %



4.9 Percentage of pharma academicians registered (Area of research interest wise distribution)

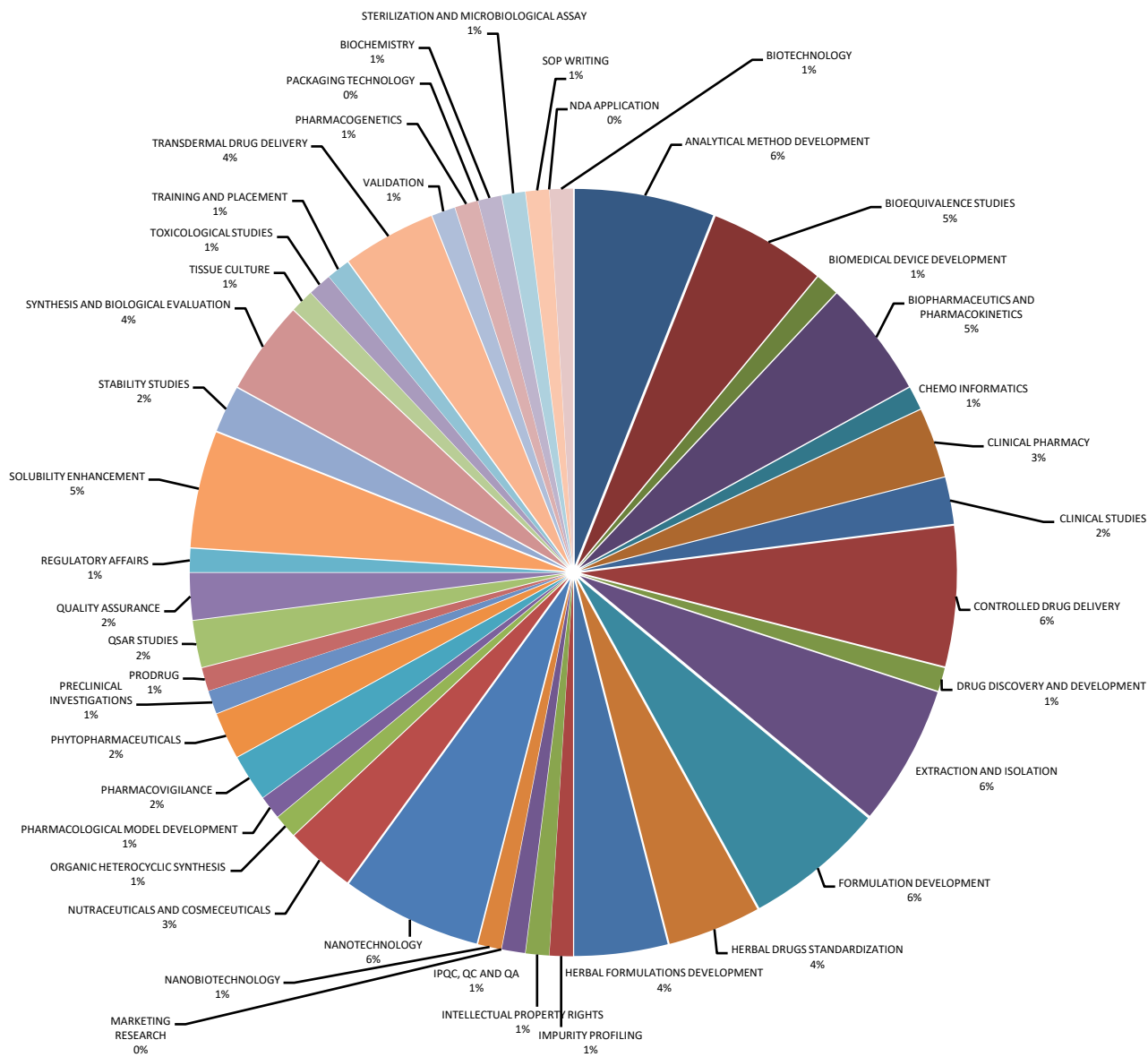
Total pharmacy academicians participated 2401 considered as 100% for further distribution representation

AREA OF RESEARCH INTEREST	PERCENTAGE OF PHARMA ACADEMICIANS REGISTERED
ANALYTICAL METHOD DEVELOPMENT	6 %
BIOEQUIVALENCE STUDIES	5 %
BIOMEDICAL DEVICE DEVELOPMENT	1 %
BIOPHARMACEUTICS AND PHARMACOKINETICS	5 %
CHEMO INFORMATICS	1 %
CLINICAL PHARMACY	3 %
CLINICAL STUDIES	2 %
CONTROLLED DRUG DELIVERY	6 %
DRUG DISCOVERY AND DEVELOPMENT	1 %
EXTRACTION AND ISOLATION	6 %
FORMULATION DEVELOPMENT	6 %
HERBAL DRUGS STANDARDIZATION	4 %
HERBAL FORMULATIONS DEVELOPMENT	4 %
IMPURITY PROFILING	1 %
INTELLECTUAL PROPERTY RIGHTS	1 %
IPQC, QC AND QA	1 %

MARKETING RESEARCH	0 %
NANOBIOTECHNOLOGY	1 %
NANOTECHNOLOGY	6 %
NUTRACEUTICALS AND COSMECEUTICALS	3 %
ORGANIC HETEROCYCLIC SYNTHESIS	1 %
PHARMACOLOGICAL MODEL DEVELOPMENT	1 %
PHARMACOVIGILANCE	2 %
PHYTOPHARMACEUTICALS	2 %
PRECLINICAL INVESTIGATIONS	1 %
PRODRUG	1 %
QSAR STUDIES	2 %
QUALITY ASSURANCE	2 %
REGULATORY AFFAIRS	1 %
SOLUBILITY ENHANCEMENT	5 %
STABILITY STUDIES	2 %
SYNTHESIS AND BIOLOGICAL EVALUATION	4 %
TISSUE CULTURE	1 %
TOXICOLOGICAL STUDIES	1 %
TRAINING AND PLACEMENT	1 %
TRANSDERMAL DRUG DELIVERY	4 %
VALIDATION	1 %
PHARMACOGENETICS	1 %

PACKAGING TECHNOLOGY	0 %
BIOCHEMISTRY	1 %
STERILIZATION AND MICROBIOLOGICAL ASSAY	1 %
SOP WRITING	1 %
NDA APPLICATION	0 %
BIOTECHNOLOGY	1 %

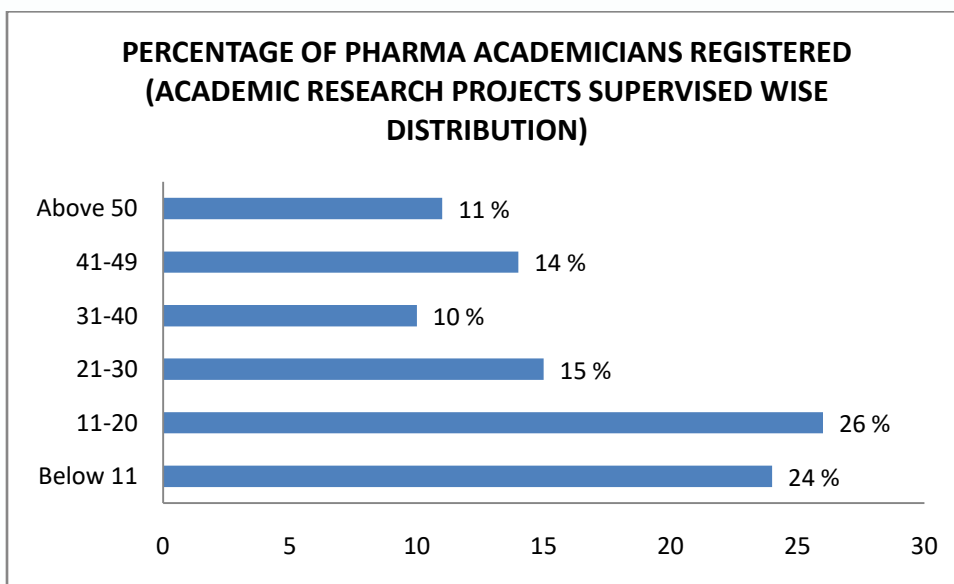
PERCENTAGE OF PHARMA ACADEMICIANS REGISTERED
(AREA OF RESEARCH INTEREST WISE DISTRIBUTION)



4.10 Percentage of pharma academicians registered (Academic research projects supervised wise distribution)

Total pharmacy academicians participated 2401 considered as 100% for further distribution representation

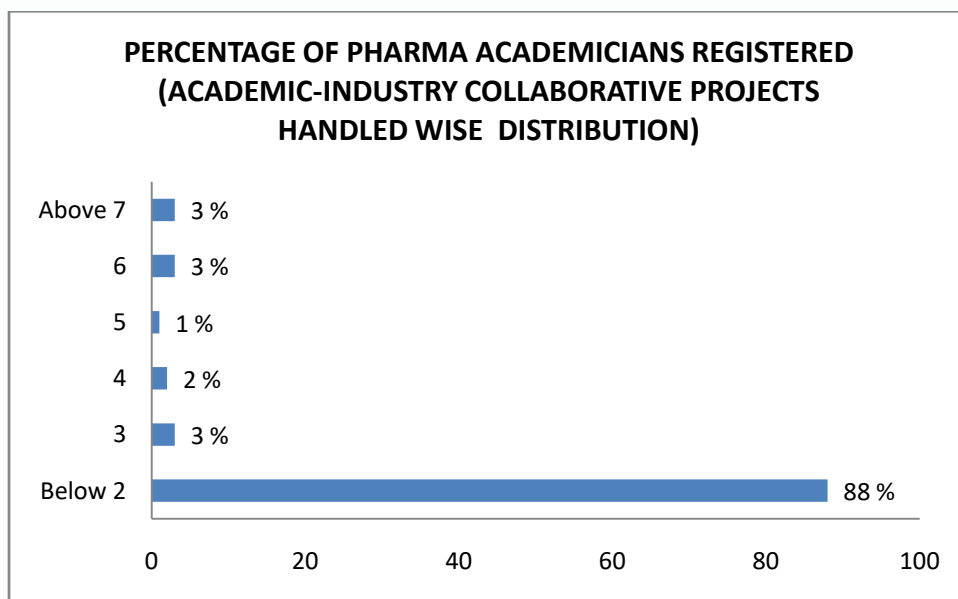
PERCENTAGE OF ACADEMIC RESEARCH PROJECTS SUPERVISED	
Above 50	11 %
41-49	14 %
31-40	15 %
21-30	10 %
11-20	26 %
Below 11	24 %



4.11 Percentage of pharma academicians registered (Academic-industry collaborative projects handled wise distribution)

Total pharmacy academicians participated 2401 considered as 100% for further distribution representation

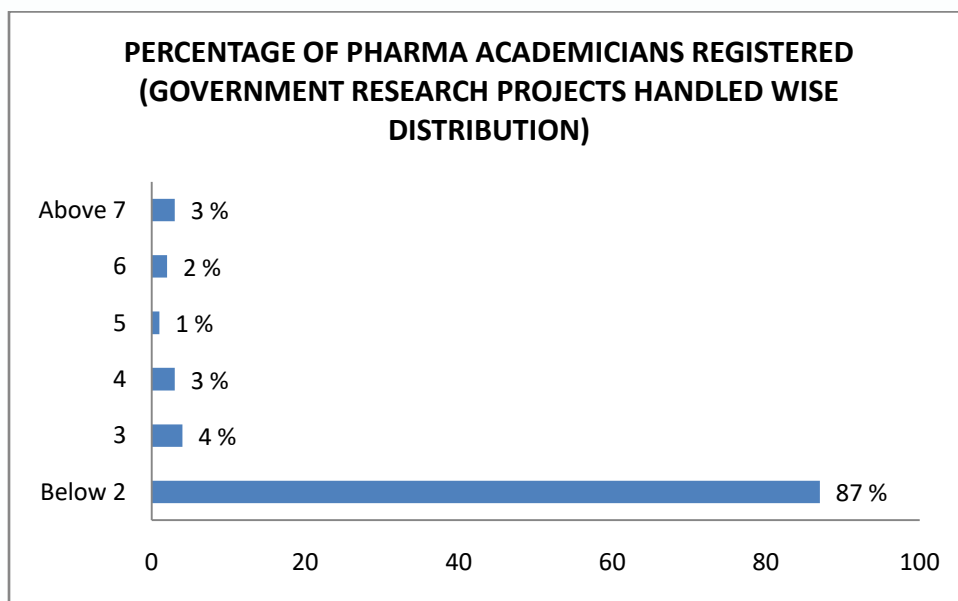
PERCENTAGE OF ACADEMIC-INDUSTRY COLLABORATIVE PROJECTS HANDLED	
Above 7	3 %
6	2 %
5	1 %
4	3 %
3	3 %
Below 2	88 %



4.12 Percentage of pharma academicians registered (Government research projects handled wise distribution)

Total pharmacy academicians participated 2401 considered as 100% for further distribution representation

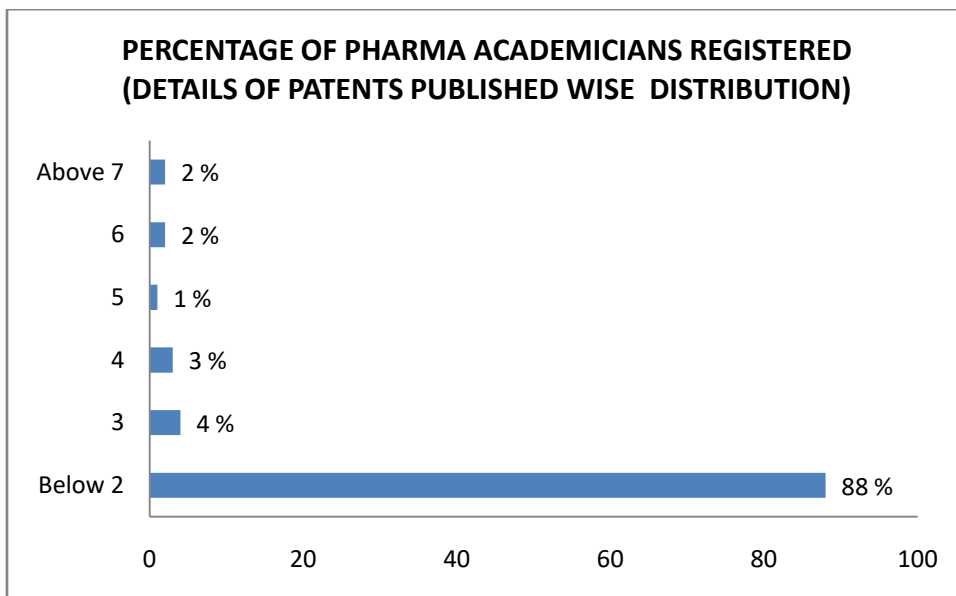
PERCENTAGE OF GOVERNMENT RESEARCH PROJECTS HANDLED	
Above 7	3 %
6	2 %
5	1 %
4	3 %
3	4 %
Below 2	87 %



4.13 Percentage of pharma academicians registered (Details of patents published wise distribution)

Total pharmacy academicians participated 2401 considered as 100% for further distribution representation

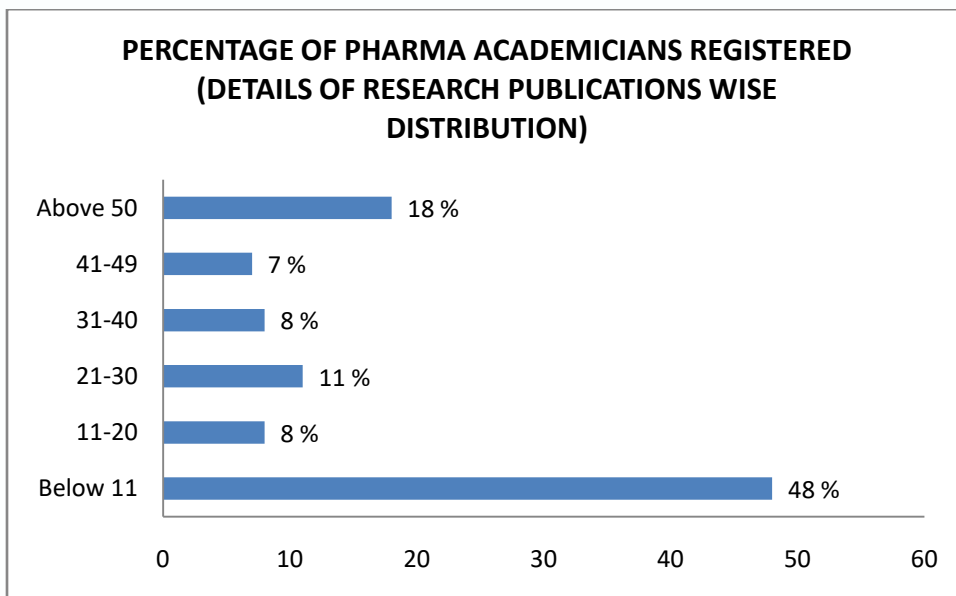
DETAILS OF PATENTS PUBLISHED	
Above 7	2 %
6	2 %
5	1 %
4	3 %
3	4 %
Below 2	88 %



4.14 Percentage of pharma academicians registered (Details of research publications wise distribution)

Total pharmacy academicians participated 2401 considered as 100% for further distribution representation

DETAILS OF RESEARCH PUBLICATIONS	
Above 50	48 %
41-49	8 %
31-40	11 %
21-30	8 %
11-20	7 %
Below 11	18 %



4.15 Percentage of major research areas on which you want to collaborate with industries

(Research area wise distribution)

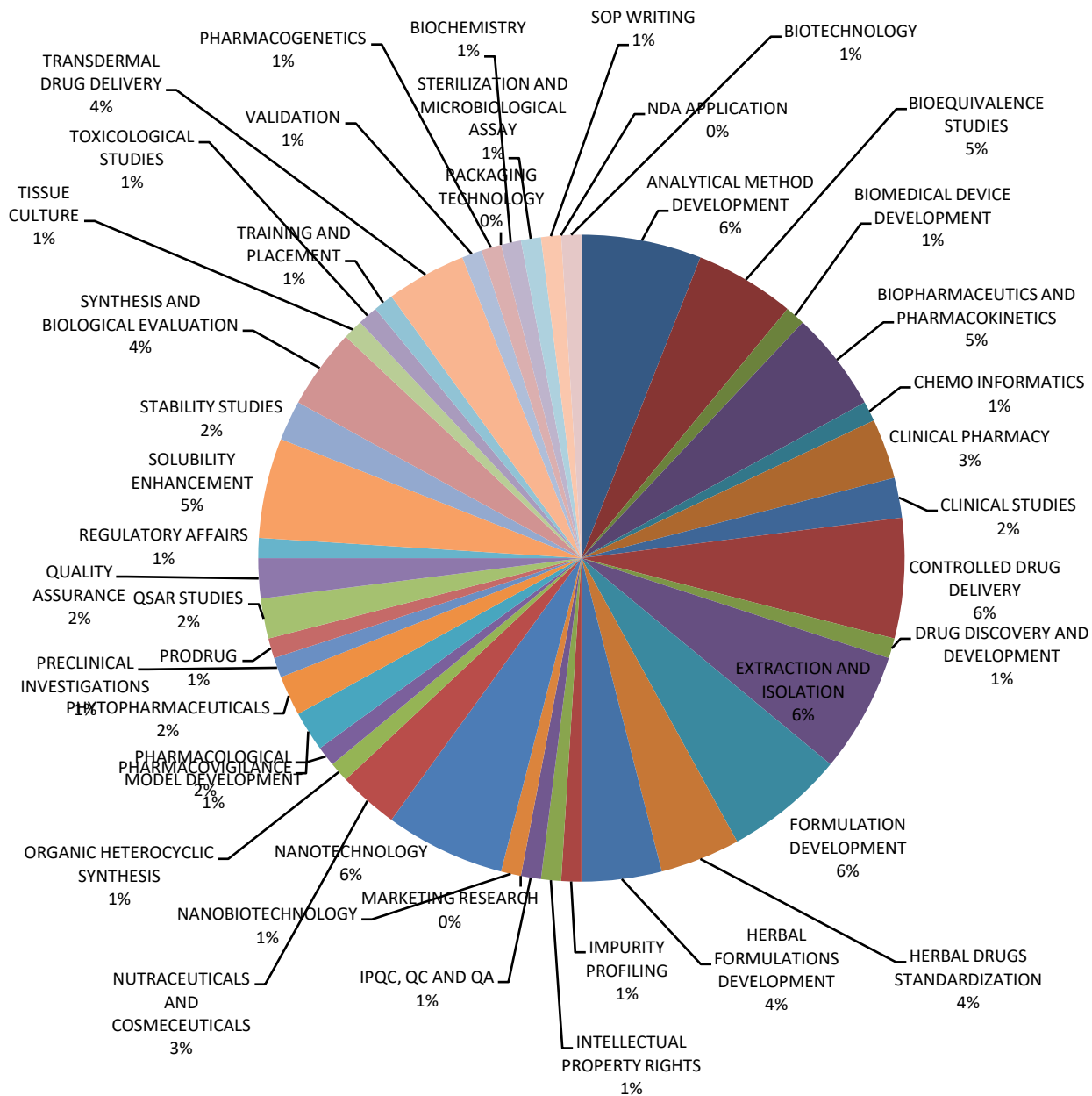
Total pharmacy academicians participated 2401 considered as 100% for further distribution representation

MAJOR RESEARCH AREAS ON WHICH YOU WANT TO COLLABORATE WITH INDUSTRIES	
ANALYTICAL METHOD DEVELOPMENT	6 %
BIOEQUIVALENCE STUDIES	5 %
BIOMEDICAL DEVICE DEVELOPMENT	1 %
BIOPHARMACEUTICS AND PHARMACOKINETICS	5 %
CHEMO INFORMATICS	1 %
CLINICAL PHARMACY	3 %
CLINICAL STUDIES	2 %
CONTROLLED DRUG DELIVERY	6 %
DRUG DISCOVERY AND DEVELOPMENT	1 %
EXTRACTION AND ISOLATION	6 %
FORMULATION DEVELOPMENT	6 %
HERBAL DRUGS STANDARDIZATION	4 %
HERBAL FORMULATIONS DEVELOPMENT	4 %
IMPURITY PROFILING	1 %
INTELLECTUAL PROPERTY RIGHTS	1 %
IPQC, QC AND QA	1 %

MARKETING RESEARCH	0 %
NANOBIOTECHNOLOGY	1 %
NANOTECHNOLOGY	6 %
NUTRACEUTICALS AND COSMECEUTICALS	3 %
ORGANIC HETEROCYCLIC SYNTHESIS	1 %
PHARMACOLOGICAL MODEL DEVELOPMENT	1 %
PHARMACOVIGILANCE	2 %
PHYTOPHARMACEUTICALS	2 %
PRECLINICAL INVESTIGATIONS	1 %
PRODRUG	1 %
QSAR STUDIES	2 %
QUALITY ASSURANCE	2 %
REGULATORY AFFAIRS	1 %
SOLUBILITY ENHANCEMENT	5 %
STABILITY STUDIES	2 %
SYNTHESIS AND BIOLOGICAL EVALUATION	4 %
TISSUE CULTURE	1 %
TOXICOLOGICAL STUDIES	1 %
TRAINING AND PLACEMENT	1 %
TRANSDERMAL DRUG DELIVERY	4 %
VALIDATION	1 %
PHARMACOGENETICS	1 %

PACKAGING TECHNOLOGY	0 %
BIOCHEMISTRY	1 %
STERILIZATION AND MICROBIOLOGICAL ASSAY	1 %
SOP WRITING	1 %
NDA APPLICATION	0 %
BIOTECHNOLOGY	1 %

PERCENTAGE OF MAJOR RESEARCH AREAS ON WHICH YOU WANT TO COLLABORATE WITH INDUSTRIES (RESEARCH AREA WISE DISTRIBUTION)



Chapter 5: Administration & Maintenance of the Website

6.1 Administration of the Website

Prepared web portal www.spaics.in is continuously working and timely checked for proper functioning of each and every feature. New registration, addition of new profile and updation in the existing registered profile will be an ongoing activity. The website hosted on a server of a shared service provider.

6.1 Maintenance of the Website

The website hosted on a server of a shared service provider. Maintenance of the website includes the domain re-registration, removing of unnecessary information, checking of duplicity, verification of new users and regular back up of the website and data.

Chapter 6: Recommendations

Compilation of profiles of Pharma academicians interested/engaged in academic-industry collaborations is a unique exercise. Currently, certain pharmacy institutions have academicians that actively pursue links with industry, but they lack the interactions amongst themselves and with industries. Prepared database is an innovative initiative to compile the profile of pharma academicians those who are interested/engaged in academic-industry collaborations at one platform. This compilation is being considered as first attempt and did not get the requisite response from the pharma academicians approached through their institutions from entire country.

A platform of the desired database is developed by the investigators. Prepared compiled database strongly recommended that pharma academicians and pharma industry should synergies the collaborative initiatives to facilitate the research exposure at institute level followed by scale up at industry level. To achieve maximum outcome of academic research translation into industrial oriented research prepared database will act as catalyst.

The pharma academician's profiles have now been compiled and available as online database including their research exposure and expertise. Participated pharma academician's profile and new registration addition of profile require regular updation, therefore LPAC has recommended that the website should be maintained and updated on a continuing basis.

The prepared website may also be improved depending on the feedback and continuous interaction with pharma academicians and industrial professional according to the ever-changing requirements of pharma research and innovations.

Annexure

Annexure I: Project information brochure

www.spaics.in
www.meu.edu.in/scope

SPAICS
A project sponsored by
DST - NSTMIS

smriti
COLLEGE OF PHARMACEUTICAL EDUCATION

A Pharma Academia- Industry
Collaborative Initiative
For The Creation of Database of
Pharma Academicians Interested/
Engaged In Academic-Industry
Collaborations



Sponsored by
National Science & Technology Management
Information System (**NSTMIS**)
A Division of Department of Science and Technology (**DST**)

Research Centre
Smriti College of Pharmaceutical Education, Indore



PRINCIPAL INVESTIGATOR'S MESSAGE

ACADEMIA-INDUSTRY COLLABORATION is a persistent matter of debate for both academia and industries. A high-quality academic research can assist industry to produce economical product for the society.

In recent years, it's apparent and obvious that there is a great need of sharing knowledge between research institutions and industries. Current Pharma Market urgently requires collaboration of both the parties. Such collaborations will translate research ideas into industrial products; in addition institutes will be more reachable and permissible by the industries.

Currently, certain research institutions have faculty fraternities that actively pursue links with industries, but they lack the interactions amongst themselves and with industries. Though academicians in best institutes engaged in research, but on higher end maximum of their research is limited to publications or patentability, very few are transformed into marketed or commercialised products. Therefore, need is alignment of academicians' research towards demand of industry so as to generate more revenue and furthermore reduce the time as well as the research expenditure.

To accomplish this objective our research team is developing a database of academicians that can be utilised by pharma industries. The created database comprises of academicians' details along with their research expertise. The significant database will be useful to foster the academia-industry collaboration, helpful to prove the potential of academicians as innovative researchers to fulfill the requirements of pharma industries.

Indeed, I request you to participate in this sincere and generous collaboration to create effective and relevant database, by providing details about your expertise comprising personnel, academic and professional aspects. I assure you that this collaboration will be helpful to achieve great collective goals for growth of pharma profession.

If you have any queries; please feel free to contact.

Thank you for your time and support.

Dr. Neelesh Malviya
Principal Investigator

ABOUT THE PROJECT

(A PROJECT SPONSORED BY DST-NSTMIS)

Today, industries are trying to track down innovative solutions from the academia to assist them in an efficient manner with higher productivity and lower costs. A pragmatic way to bridge the gap is that industries should approach academicians to spend time at their facility to solve their problems and issues. This development is not possible without the database comprising of profile of academicians interested or engaged especially in industrial oriented research work.

In India, present-day necessity is to fall in line and bridge the gap between academics and industries. Compilations of profiles of academicians interested/engaged in research will absolutely stimulate association between both of them. In context of present and future research studies in India; created database of profiles will play a marked role to boost above collaborations from the grass root level. Certainly by database industries can recognise and appreciate the potential of academicians. Furthermore can shortlist them in accordance with requirements, by having a flash towards their profile and eventually can contact them easily.

OBJECTIVE OF THE PROJECT

The interactions between the pharmaceutical academics and industries can vary from contractual research to collaborative research or even to structured partnerships. Hence, to convert these interactions into legal collaborations appropriate connection or regular linking between both is necessitated. With this objective present project is

sketched to collect, compile and create database of profiles of Pharmacy Profession Academicians interested/engaged in academic-industrial collaborations. The frame of database will definitely revitalise them to share their interest and potential among industrialists.

EXPECTED BENEFITS

- Prepared Database of Pharmacy Profession Academicians will facilitate to promote and employ their research skills as per the demand
- Contact information in database of Pharmacy Profession

Academicians can be supportive to associate and contact them easily for collaborations and research

- Over and above created database will assist to select right Pharmacy Academicians for right research work

PROJECT TEAM

Dr. Neelesh Malviya

Principal Investigator, DST-NSTMIS Project

Professor, Smriti College of Pharmaceutical Education, Indore

Mr. Ankit Mangal

Research Assistant

Mr. Nikkhee Chhattani

Research Consultant

WHO ARE ELIGIBLE TO PARTICIPATE?

Academicians of Pharmacy Profession are eligible to participate.

HOW TO PARTICIPATE?

TO PARTICIPATE IN THE PROJECT

1. Interested aspirants/participants can register on www.spaies.com and fill the online PARTICIPANT PROFILE FORM.

2. Participants can also download the online PARTICIPANT PROFILE FORM from the above website and submit a scanned copy offline via email to the below mentioned id.

CORRESPONDING ADDRESS

Dr. Neelesh Malviya, Principal Investigator, Smriti College of Pharmaceutical Education, Indore
4/1 Pipliya Kumar Kakkad, Mayakhedi Road, MR-11, Dewas Naka, Indore-452010 (M.P.)
E: pi@spaies.in | drneeshmalviya@gmail.com | M: +91 98263 19555 | W: www.spaies.in

PARTICIPATION FEES

Participation is completely free.

AGREEMENT OF CONFIDENTIALITY

Participant information inclusive of name, designation, organisation, research expertise, research exposure and area of interest to collaborate will be available exclusively on our website.

CERTIFICATE OF RECOGNITION & APPRECIATION

After successful incorporation of profile a Certificate of Recognition & Appreciation will be provided to all aspirants.

ABOUT INSTITUTE

Smriti College of Pharmaceutical Education, Indore (SCOPE) is a premier institute of Central India, imparting Pharmaceutical Education in a quality manner to stir out technically competent Pharmacist and job-ready post graduates. Nestled on MR-11 near flourishing bypass, SCOPE was founded in 1999 under the aegis of BR Nahata Smriti Sansthan with an objective "Quality Education for All". Carving a niche in Pharmaceutical Education, we are at the forefront of research ever since BRNSS group launched the first private organisation who has started UG and PG courses in the Madhya Pradesh.

SCOPE academics have been benchmarked against the best prevailing standards with regular up gradation. It is our belief that value based learning, leading to total personality development and expertise of student and the faculties will be long lasting contribution to the overall growth & development of our nation and society. Our contribution has been phenomenal in innovations, publications, presentations by faculty members and research from budding pharmacists and scholars. We advocate skill based education rather than rote learning for syllabus driven and exam oriented approach.

We are the only institute running exclusively pharmacy course, both UG and PG level in Madhya Pradesh. Our courses are approved by AICTE & PCI and affiliated to RGPV. We are the only institute accredited by NBA in the year 2013 and have also secured Platinum rank in AICTE CII survey in Indore region.



Smriti College of Pharmaceutical Education Indore
Formulating Confidence for Success
AICTE & PCI Approved | Affiliated to RGTU, Bhopal

4/1 Pipliya Kumar Kakkad, Mayakhedi Road, MR-11, Dewas Naka,
Indore-452010 (M.P.) | T: 0731-6952457

E: principal@scopeindore.info | W: www.meu.edu.in/scope

Annexure II: Project information brochure

www.spaics.in
www.meu.edu.in/scope



A Pharma Academia-Industry **Collaborative Initiative** For The Creation of Database of Pharma Academicians Interested/Engaged in Academic-Industry **Collaborations**

Sponsored by

National Science & Technology Management
Information System (NSTMIS)
A Division of Department of Science and Technology (DST)

PARTICIPANT PROFILE FORM

Dr. Neelesh Malviya

Principal Investigator, DST-NSTMIS Project
Professor, Smriti College of Pharmaceutical Education, Indore
E: pi@spaics.in | drneeshmalviya@gmail.com
M: +91 98263 19555 | W: www.spaics.in

Research Centre

Smriti College of Pharmaceutical Education, Indore

PARTICIPANT PROFILE FORM

(RESPONDENTS: ACADEMICIANS OF PHARMACEUTICAL SCIENCE FIELD)

Dear Respondents

This Participant Profile Form is a part of a project entitled "Compilation of profiles of Pharma Academicians Interested/Engaged in Academic-Industry Collaborations" sponsored by DST-NSTMIS being conducted by the Research Team of Smriti College of Pharmaceutical Education, Indore.

OBJECTIVE OF THE PROJECT: The interactions between the pharmaceutical academics and industries can vary from contractual research to collaborative research or even to structured partnerships. Hence, to convert these interactions into legal collaborations appropriate connection or regular linking between both is necessitated. With this objective present project is sketched to collect, compile and create database of profiles of Pharmacy Profession Academicians interested/ engaged in academic-industrial collaborations. The frame of database will definitely revitalise them to share their interest and potential among industrialists.

PARTICIPATION FEES: Participation is completely free.

AGREEMENT OF CONFIDENTIALITY: Participant information's inclusive of name, designation, organization, research expertise, research exposure and area of interest to collaborate will be available exclusively on our website.

CERTIFICATE OF RECOGNITION & APPRECIATION: After successful incorporation of profile a Certificate of Recognition & Appreciation will be provided to all aspirants.

The purpose of this form is to collect the information of respondents related to Personal Information, Qualification, Research Interest and Research Experience.

PART-I : PERSONAL INFORMATION

Title (Prof./Dr./Mr./Ms.)		
Name		
Date of Birth		
Highest Qualification		
Specialization		
Designation		
Organization		
Research Expertise		
Corresponding Address		
Email Address		
Mobile No.		

PART-II : ACADEMIC DETAILS

Qualification	Specialization
Ph.D.	
M. Pharm	
B. Pharm	
Other	

PART-III : PROFESSIONAL DETAILS

Interested in Academic
Industry Collaborative work

Yes

No

Engaged in Academic
Industry Collaborative work

Yes

No

Please tick mark (✓) your answer

A. Professional Experience

Total Teaching Experience	
Total Industrial Experience	
Total Research Experience	

B. Research Exposure

B. 1 : Research Interest

Research area

B. 2 : Academic research projects supervised

Project details

B. 3 : Academic - Industry Collaborative Projects handled

Project details

B. 4 : Government Projects handled

Project details

B. 5 : Patents Published

Project details

B. 6 : Research Publications

Project details

B. 7 : Major research areas on which you want to collaborate with industry

Research areas



We thank you for your time and participation!
Feel free to send us any comments or suggestions you may have on Participant Profile Form.

Corresponding Address

Dr. Neelesh Malviya

Principal Investigator, DST - NSTMIS Project

Smriti College of Pharmaceutical Education, Indore
4/1 Pipliya Kumar Kakkad, Mayakhedi Road, MR-11, Dewas Naka, Indore-452010 (M.P.)
E: pi@spaics.in | drneeshmalviya@gmail.com
M: +91 98263 19555 | W: www.spaics.in