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The NGSMIPS Herald

The Official news letter of the Nitte Gulabi Shetty Memorial
Institute of Pharmaceutical Sciences, Mangaluru



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VISION

To achieve excellence in academics and research in pharmaceutical sciences with high degree of professional and ethical standards.

MISISON

To create an environment conducive for pursuing quality education and research in pharmaceutical sciences enabling the students and teachers attain high degree of competence to play a key role in national health mission.

'For Private Circulation Only'



NGSM Institute of Pharmaceutical Sciences

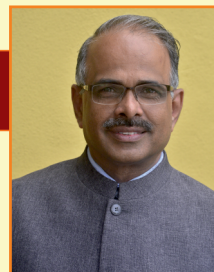
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From the Editor's desk



National Institutional Ranking Framework (NIRF) 2022 has been released. Though it did not throw any surprise, it left many wondering and some fuming about the methodology adopted. A cursory glance at the list of ranked institutions suggests a strong bias toward government institutions. The generous grants and funding from the government ensure that these institutions score high in parameters like financial resources, research project funding, free ships to economically challenged students etc.

The ranking is based on the facts and figures submitted by the institutions. One is left wondering how the data submitted are verified. Random verification certainly is prone to errors.

Further, the majority of parameters have no direct impact on student wellness on the campus. The mechanism to assess the education delivery process, campus ambience, mentorship, extracurricular activities and attainment of program outcomes is poorly defined or non-existent. Except for the assessment of placement status, other parameters have limited bearing on the campus life of students.

The weightage given to research by the ranking, accrediting and approving agencies have steadily increased over the years, and rightly so. One of the objectives of NEP is that the institutions shall elevate themselves from teaching-centric to research-centric (or at least teaching-research-centric). But research requires enormous funds. The majority of the institutions can hardly afford it. And you cannot wish away or brush away these institutions which have contributed in their way to nation building. Are we creating a class system among education institutions?

The institutions should focus on campus environment development, providing an ecosystem for the students to grow beyond the confined syllabus dictated by the councils without getting demoralized by the ranking numbers. After all, they are only numbers!!

Dr. C.S. Shastry
Editor-in-Chief



Training programme on EBSCO host: Library digital archive Database



Workshop on "Design of Experiment & Applications of the Brookfield Viscometer"



Workshop on "Statistical Analysis Using R Programming Software"



Guest Lecture on "Writing a Research Protocol"



38th Annual day celebration



International Yoga Day

Campus Buzz

Gradvantage-2022

Gradvantage 2022, an institute - industry initiative was organized by NGSMIPS to invite experienced & senior professionals, and human resource/ talent acquisition experts from the pharmaceutical, life sciences industry to share their knowledge and provide expert guidance to the fresh graduates on jobs. The sessions were conducted from 4th to 13th April 2022 on virtual mode. More than 20 leading pharma companies participated in the event. It was attended by final year students of B. Pharm, M. Pharm students and staffs.

Workshop on Statistical Analysis Using R Programming Software

The Department of Pharmacy Practice, NGSMIPS jointly with the Department of Biostatistics, KSHEMA organized the workshop on "Statistical Analysis Using R Programming Software" on 5th & 6th May 2022 at NGSMIPS, Paneer Campus, Deralakatte, Mangaluru. Prof. Dr. Indrani Karunasagar, Director, DST NU-TEC was the chief guest for the workshop. The resource persons: Ms. Yashaswini, Assistant Professor, Dept. of Statistics, Yenepoya (Deemed to be University), Mangaluru and Ms. Shraddha Shetty, Lecturer, Dept. of Biostatistics, KSHEMA, Mangaluru conducted hands on training on "Programming Software" for the data analysis. The pre and post-tests were conducted to assess the knowledge of the participants. The post-test scores of the participants were significantly improved after the two days of hands-on training.

Workshop on Design of Experiment & Applications of the Brookfield Viscometer

The Department of Pharmaceutics, NGSMIPS organized a workshop on 20th and 21st May 2022. The chief guest for the workshop was Dr. M.S. Ravi, Professor and Head, Department of Orthodontics and Dentofacial Orthopaedics, ABSMIDS, Nitte DU. The resource persons Dr. Lalit Kumar, Assistant Professor, Department of Pharmaceutics, Manipal College of Pharmaceutical Sciences, Manipal, spoke briefly on Quality by Design (QBD) and the importance of inculcating quality in the pharmaceutical industry. Mr. Rahul, Technical Marketing Head, Aspire Inc, Bangalore, delivered the talk by explaining the components and types of Brookfield viscometer. The workshop was attended by total of 51 students, research scholars, faculties and participants from different colleges and neighbouring institutes.

Guest Lectures / Expert Lectures/Webinars

- ❖ The Department of Library and Information Centre, NGSMIPS conducted a Training programme on EBSCO host: Library digital archive database by Mr. M.S. Srinivasa, Training Manager, EBSCO on 27th April 2022. He gave a detailed orientation of the library digital archive

database and answered the questions from the students and faculty. All the faculty members Ph.D and PG Students have actively participated in the program. Quiz has been organized by the EBSCO team, the winners were Dr. Anu, Dr. Uday Venkat Mateti, and Ms. Anusha.

- ❖ The Department of Pharmacology, NGSMIPS conducted a guest lecture on "Writing a Research Protocol" by Dr. Sheetal Ullal MBBS, MD, Associate Professor, Manipal Academy of Higher Education on 16th May 2022. She shared and enriched the students by her experiences and thoughts. She explained the elements and quality of research proposal. It was held at seminar hall of NGSMIPS, and about 100 members were present during the session.
- ❖ The Department of Pharmaceutical Regulatory Affairs, NGSMIPS organized 'Regulatory Sessions by GlaxoSmithKline' on 18th May 2022 through Microsoft Teams Meet. The resource persons of the webinar were Ms. Smitha Mohan, Mr. Raj Desai, Ms. Pavani Duggi, Mr. Chiragkumar Solanki, Mr. Bipin Thorat, Mr. Rajesh Krishna, Mr. Neelkanth Gangrade & Ms. Sampada Tupe from GlaxoSmithKline. The basic fundamentals of regulatory affairs were explained by Mr. Raj Desai. Ms. Pavani Duggi had delivered a talk on the topic "Overview-Regulatory Publishing" Marketing authorization procedures in USA was explained by Mr. Chirag. Ms. Smitha Mohan spoke about the Regulatory information management system and its working. Mr. Bipin Thorat provided insight on Drug labelling. Mr. Rajesh Krishna sensitized us with data integrity issues in pharmaceutical industry. Changing in regulatory guidelines and intelligence was explained by Mr. Neelkanth Gangrade. Ms. Sampada Tupe, delivered an informative session on changes in regulatory guidelines. Mr. Neelkanth Gangrade, articulated a talk on the Regulatory Intelligence database environment. It was one day session ended with Q & A and vote of thanks.
- ❖ The Department of Pharmacy Practice of NGSMIPS organized a webinar on "Emerging Careers in Clinical Research (Campus to Cubicle)" on 26th of May 2022. The guest speaker for the event was Ms. Amrutha Babu of Avigna Clinical Research Institute, Bengaluru. She briefed about the basics of clinical research and the phases of clinical trials and various job roles in clinical research. The session had an active participation of the faculty members as well as the students.
- ❖ The Department of Pharmacognosy, NGSMIPS organized a virtual lecture on "Understanding innovation in plant drug extraction: the case of microwave assisted

extraction" on 14th June 2022 via Zoom (YouTube live streaming). The speaker for the session was Dr. Vivekananda Mandal, Assistant Professor, Department of Pharmacy, Guru Ghasidas University, Bilaspur, Chhattisgarh who is an expert in the field of application of microwave for different areas such as extraction of plant material and isolation of volatile oil. He highlighted the advantages of microwave assisted extraction over conventional Soxhlet extraction, application of microwave in different areas, mechanism of microwave assisted extraction, process of optimization of microwave assisted extraction, different models of microwave extractor. The session was attended by undergraduate students (6th Semester B. Pharm students), postgraduate students, research scholars, faculty members and participants from other colleges.

- ❖ The Student Innovation cell, NGSMIPS organized webinar on "Frontiers in Medicine & The Nobel Legacy -2022" on 17th June 2022. Dr. Sathish Kumar Bhandari, the Vice Chancellor of Nitte DU delivered the inaugural address. Padmashri Dr. Himmatrao S. Bawaskar was the Chief Guest for the session. Dr. Bawaskar traced the history of a pathbreaking innovation that set global standards for the treatment of scorpion sting. Dr. Harsha Halahalli, Registrar and Professor of Physiology, Nitte DU spoke about the scientific innovation behind the Nobel Prize (2021) shared by David Julius and Ardem Patapoutian. Dr. Praveen Kumar Shetty, Director of Research, Nitte DU, proposed a vote of thanks in which he gratefully acknowledged the contribution of one and all, including the participants.

Fresher's day and student council inauguration 2021-22

NGSMIPS organized a magnificent fresher's day celebration, "ADHYAAY" and student council inauguration for the academic year 2021-22 on 6th of April 2022 at K.S. Hegde Auditorium, KSHEMA, Deralakatte. Mirchi RJ Ajay was the chief guest for the event, who was also accompanied by his team that included RJ Anushree. The day ended with the chief guests announcing Mr. Parvinder Singh and Ms. Spoorthi Sunil as Mr. and Ms. Fresher.

AIKYAM- Cultural Day

Cultural Day, Aikyam 2021-22, of NGSMIPS was held gorgeously on 19th of April, 2022 at K.S. Hegde Auditorium, KSHEMA, Deralakatte. Dr. C.S. Shastri, Principal of the college, presided over the function. The prizes for the literary and cultural events that took place in the past week were then distributed. After that, the cultural events began. At the end of the program, prizes were again distributed for the group sports events and for the events of the day.

38th Annual day celebration

The 38th Annual Day of NGSMIPS, Nitte DU was celebrated on 23rd April 2022 at the K.S. Hegde auditorium amidst fanfare and excitement. Dr. Shantaram Shetty, Pro-Chancellor, Nitte DU was the chief guest on this occasion. Mr. Madhav Rao and Mr. Manohar Rao, two most distinguished alumni of the institute were recognised and presented with "The alumni Award". All final year D. Pharm, B. Pharm, M. Pharm & Pharm D shared their memories and performed on the stage.

Sports Activities

- ❖ The annual sports meet of NGSMIPS was held on 21st April 2022 at the Nitte DU ground at Deralakatte. The sports meet was inaugurated by Prof. Dr. Alka Kulkarni, Registrar, Nitte DU. Various in-house sports and games competitions (cricket, football, volleyball, throwball, badminton, carrom, table tennis) were held.
- ❖ Nitte Pharmacy League 2022 was held in Nitte Paneer ground in the month of May. The following teams participated in the event—Titans, Avengers, Mavericks, Havocs. Team Mavericks were the champions and Team Havocs were the runners of the football league.
- ❖ Nitte Badminton League 2022 was held in B.C. Alva indoor stadium KSHEMA on 28th and 29th of May 2022. Team Shuttle Studs were the champions.

World Environment Day

NSS Unit of NGSMIPS organized E-poster competition for NSS volunteers to celebrate "World Environment Day" in institute on 5th June 2022. The topic for the competition was "Pollution and its Solution". B.Pharm, Pharm D. and D.Pharm students were participated in the program. Volunteers prepared and submitted e-posters those which were evaluated by appointed judges. Winners received the prizes.

International Yoga Day

NSS and Youth Red Cross units of NGSMIPS organized a Yoga session to celebrate the International Yoga Day on 18th June 2022. Prof. Dr. M. S. Moodithaya, Pro-vice-chancellor, Nitte DU was the Chief Guest and Yogarathna Sri. Gopalakrishna Delampady was the Guest of Honour. After the brief inaugural program, Sri Delampady demonstrated several yoga asanas and also guided the participants to practice few yoga asanas. During the session he explained the importance and health benefit of each asana. Students, teaching and non-teaching staff participated in the program.

Department Activities

Department of Pharmaceutical Chemistry

1. Abhishek Kumar, Pankaj Kumar, Shravya H, Aravind Pai. Coumarins as Potential Anticoagulant Agents. Research Journal of Pharmacy and Technology, Vol.15. No.4 Apr, 2022.
2. Pankaj Kumar, Abhishek Kumar, Jean Sandra Pinto, Sachin A. Kumbar, Nanditha Bhat, Prashant Nayak. Synthesis and antimicrobial evaluation of some novel 1,5 benzodiazepine derivatives derived from pyrrolyl chalcones. Research Journal of Pharmacy and Technology, Vol.15. No.4 Apr, 2022.
3. N. Anupama, Jennifer Fernandes and K. Adarsha Govind. Antiulcer Activity and Isolation of Chemical Constituents from Ethanolic Stem Bark Extract of Ficus Bengalensis. Journal of Pharmaceutical Research International, 34 (29A), Apr, 2022, pp. 16-24.
4. Shahin Muhammed T K, Amit Kumar Das, Sarath Chandran C, Revana Siddappa B C, Sreeraj K, Shijith K. V. Synthesis, molecular docking and in-vivo anti-inflammatory screening of novel substituted pyrazole analogues. Journal of Molecular Structure, Vol. 1255, 5 May 2022.

Department of Pharmacology

1. Priyanka P. Patil, Vishal S. Patil, Pukar Khanal, Harish R. Darasaguppe, Rajitha Charla, Arati Bhatkande, Basanagouda M. Patil, Subarna Roy. Network pharmacology and in vitro testing of Theobroma cacao extract's antioxidative activity and its effects on cancer cell survival. PLOS One, Vol. 14 No. 4 Apr. 2022.
2. Pukar Khanal, Vishal S. Patil, Vishwambhar V. Bhandare, Prarambh S.R. Dwivedi, C.S. Shastry, B.M. Patil, Shailendra S. Gurav, Darasaguppe R. Harish, Subarna Roy. Computational investigation of benzalacetophenone derivatives against SARS-CoV-2 as potential multi-target bioactive compounds. Computers in Biology and Medicine, May 2022.
3. Priyanka P. Patil, Pukar Khanal, Vishal S. Patil, Rajitha Charla, Darasaguppe R. Harish, Basanagouda M. Patil and Subarna Roy. Effect of Theobroma cacao L. on the Efficacy and Toxicity of Doxorubicin in Mice Bearing Ehrlich Ascites Carcinoma. Antioxidants, Vol.11, No.6, May, 2022.

Department of Pharmaceutics

1. Shifali D. Kumari, Naga Thirumalesh Chevala, Srinivas Reddy Jitta, Lalit Kumar, Ruchi Verma, Jobin Jose. Design and development of naringin-loaded liposomal gel for wound healing. Journal of Cosmetic Dermatology, Apr 2022.
2. Narayana Charyulu R, Sandeep D.S., Marlon Miranda R, Anoop Narayanan V, Ravi G.S. Quality Management Systems (QMS) To Improve Documentation Practices in

Pharmaceutical Industry- An Approach for Audit Success. Pharma Times, Vol. 54 - No. 04-05, April-May 2022, pp: 8-13.

3. Jobin Jose, Abdul Haseeb K, Anu Jose, Shifali S., Simi P. Thomas, Prasanth Nayak. The Benefits and Barriers of Patenting: How Academicians and Researchers Can use their IP to Improve Research Outcomes: An Indian Perspective. Indian Journal of Pharmaceutical Education and Research, 56(2s): May, 2022, pp: s137-s145.
4. Marlon Ramcy Henry Miranda, Narayana Charyulu R, Jobin Jose, Sandeep D.S. Current Regulations for Marketing Authorization and Procedure for Filing of Active Substance Master File (ASMF) in European Union: A Case Study. Research Journal of Pharmacy and Technology, Vol.15. No.5 May, 2022, pp:2070-2075.
5. Ravi Gundadka Shriram, Afrasim Moin, Hadil Faris Alotaibi, El-Sayed Khafagy, Ahmed Al Saqr, Amr Selim Abu Lila and Rompicherla Narayana Charyulu. Phytosomes as a Plausible Nano-Delivery System for Enhanced Oral Bioavailability and Improved Hepatoprotective Activity of Silymarin. Pharmaceuticals, 15 Jun, 2022.

Department of Pharmacy Practice

1. Gautam Satheesh, M. K. Unnikrishnan. The alarming need for universalising Oral Rehydration Therapy: How many more children must die? Journal of Global Health Apr 2022.
2. Sai Krishna Gudi, Sophia M George, Jimmy Jose. Influence of social media on the public perspectives of the safety of COVID-19 vaccines. Expert Review of Vaccines, Vol 12, Apr, 2022, 12;1-3.
3. Manali Ramprasad Latha, Mohammad Rafeez, Reshma Ann Manoj, Uday Venkat Mateti, Subramanyam Kodangala, Shraddha Shetty, Raushan Kumar Chaudhary. Risk Factors and Prescribing Pattern among Congestive Heart Failure Patients: A Retrospective Study in Tertiary Care Hospital. Journal of Young Pharmacists, Vol 14 Issue 2, Apr-Jun, 2022, pp:231-235.

Patents Granted

- Mr. Prashant Nayak got Australian innovation patent titled "A polyherbal Ayurvedic formulation as a potential agent for anti-hyperlipidemic"
- Mr. Prashant Nayak and Dr. Prasanna Shama Khandige got Australian innovation patent titled "Device for measuring severity estimation in muscular atrophy & inflammation of muscles"
- Mr. Bharath Raj K.C. and Dr. Rajesh K.S. got Australian innovation patent titled "Camptothecin loaded modified release microspheres for cancer chemotherapy"

STUDENTS ACHIEVEMENT

PHARM D. TOPPERS OF THE YEAR 2021-22



I Place
Ms. Mariha Jabeen
II Pharm D (775/900)



II Place
Ms. Sneha Satheesh
II Pharm D (768/900)



III Place
Ms. Celin Anna Mathew
II Pharm D(738/900)



I Place
Ms. Ramziyya Meher
III Pharm D (956/1100)



II Place
Ms. Irol Vikshitha Farias
III Pharm D (943/1100)



III Place
Ms. Eva Jessica D'Souza
III Pharm D (938/1100)



III Place
Ms. Sarah Andrea Soans
III Pharm D (938/1100)



I Place
Mr. Ananthesh L
IV Pharm D(878/1000)



II Place
Ms. Anjana Babu
IV Pharm D(857/1000)



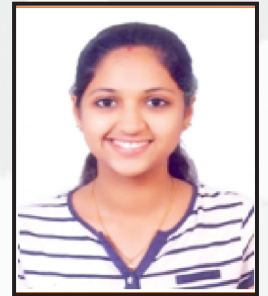
III Place
Ms. Ayshath Sahlunnisa
IV Pharm D(838/1000)



I Place
Ms. Emy Susan Thomas
V Pharm D (433/500)



II Place
Ms. Sagara M K
V Pharm D (425/500)



III Place
Ms. Shivani S
V Pharm D(420/500)

STUDENTS ACHIEVEMENT

M.PHARM SEMESTER TOPPERS – APRIL 2022



Ms. Apoorva
M.Pharm III Semester
(Pharmacology)
SGPA: 10 (511/525)



Ms. Anjana Madhusoodanan
M.Pharm III Semester
(Pharmacy Practice)
SGPA: 10 (495/525)



Ms. Swathi Das
M.Pharm III Semester
(Pharmaceutics)
SGPA: 9.81(490/525)



Ms. Alafiya A Matcheswala
M.Pharm III Semester
(Pharm. Regulatory Affairs)
SGPA: 10 (501/525)

College Activities



Freshers' day and student council Inauguration 2021-22



Cultural Day, Aikyam 2021-22



Annual Sports Meet



Sports activities 2021-2022

Hearty Congratulations

GPAT - 2022 Qualifiers



Mr. Akshay Thomas
IV B.Pharm



Ms. Disha
IV B.Pharm



Ms. Jeetha D Mello
IV B.Pharm



Ms. Swathi
IV B.Pharm



Ms. Ankitha U
III B.Pharm



Ms. Melanie Ashel D'Souza
III B.Pharm



Ms. Vaishnavi
IV B.Pharm

STUDENTS ACHIEVEMENT

M.PHARM SEMESTER TOPPERS – APRIL 2022



Ms. Nanditha A
M.Pharm III Semester
(Pharmaceutical Chemistry)
SGPA: 10 (500/525)



Mr. Ashwin Raj
M.Pharm III Semester
(Pharm. Quality Assurance)
SGPA: 9.81 (485/525)



Ms. Shruthi
M.Pharm I Semester
(Pharmacology)
SGPA: 9.15 (554/650)



Ms. Praisly B Biju
M.Pharm I Semester
(Pharmacy Practice)
SGPA: 8.54 (529/650)



Ms. Akhila A
M.Pharm I Semester
(Pharmaceutics)
SGPA: 8.08 (510/650)



Ms. Ashritha Reema Lobo
M.Pharm I Semester
(Pharm. Regulatory Affairs)
SGPA: 9 (539/650)



Ms. Suhasini S
M.Pharm I Semester
(Pharmaceutical Chemistry)
SGPA: 9.23 (556/650)



Ms. Shilpa J Bangera
M.Pharm I Semester
(Pharm. Quality Assurance)
SGPA: 7.90 (499/650)

Ph.D Awarded



Ms. Shreya
Assistant Professor
Department of Pharmaceutics