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CERTIFICATE

This is to certify that this dissertation work entitled "FORMULATION DEVELOPMENT AND EVALUATION OF NITRENDIPINE MUCOADHESIVE TABLET FOR BUCCAL DELIVERY" is a bonafide and original work done by MS. KALLIPELLI PRAVALIKA for the award of the Degree of MASTER OF PHARMACY IN PHARMACEUTICS under my guidance and supervision.

Date: 05/03/2022

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CERTIFICATE

This is to certify this dissertation work entitled "DRUG TRANSPORTER MEDIATED INTERACTION BETWEEN AMPICILLIN AND FUROSEMIDE BY INVOLVEMENT OF MULTI DRUG RESISTANCE ASSOCIATED PROTEIN: AN *IN-VITRO* STUDY" submitted by Manimadde Divya with Reg.No:20004P-1007 in partial fulfillment for the award of Master of Pharmacy in "Pharmacology" is a bonafide research work carried out by the candidate under my guidance in UCPSc, KU Warangal. This work is original and has not been submitted in part or full for any other degree or diploma to this or any other University or Institution.

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This is to certify that the thesis, entitled "INVITRO ANTI COAGULANT AND THROMBOLYTIC ACTIVITY OF ANTIGONON LEPTOPUS" being submitted by Mrs. Jatothu Janaki Devi for partial fulfillment for the award of the degree of MASTER OF PHARMACY in Pharmacognosy and Phytochemistry from Kakatiya University, Warangal, Telangana state, is based on the results of the studies carried out by her in the laboratories of University College of Pharmaceutical Sciences, Kakatiya University, Warangal, Telangana State under my guidance and supervision.

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This is to certify this dissertation work entitled "Drug transporter mediated drug-drug interactions between nateglinide and atorvastatin involving of monocorboxylate transporter-1" submitted by B suresh with Reg.No:20004P-1005 in partial fulfillment for the award of Master of Pharmacy in "Pharmacology" is a bonafide research work carried out by the candidate under my guidance in UCPSc, KU Warangal. This work is original and has not been submitted in part or full for any other degree or diploma to this or any other University or Institution.

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CERTIFICATE

This is to certify that this dissertation work entitled "IN-VITRO ALDOSE REDUCTASE INHIBITORY ACTIVITY AND ANTI CATARACT ACTIVITY OF BLUMEA OBLIQUA" being submitted by Mrs. GOLI SPANDANA with Reg.No: 20004P-1011 in partial fulfillment for the award of the degree of Master of Pharmacy in "Pharmacognosy & Phytochemistry". This work is original and is based on the results of the studies carried out by candidate in the laboratories of University College of Pharmaceutical Sciences, Kakatiya University, Warangal, Telangana under my guidance and supervision

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This is to certify this dissertation work entitled "DRUG TRANSPORTER MEDIATED INTERACTION BETWEEN GLIBENCLAMIDE AND SULFASALAZINE-INVOLVEMENT OF ORGANIC ANION TRANSPORTED POLYPEPTIDE(OATPB21)" submitted by Arrolla Pavani with Reg.No:20004P-1006 in partial fulfillment for the award of Master of Pharmacy in "Pharmacology" is a bonafide research work carried out by the candidate under my guidance in UCPSc, KU Warangal. This work is original and has not been submitted in part or full for any other degree or diploma to this or any other University or Institution.

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This is to certify this dissertation work entitled "DRUG-TRANSPORTER MEDIATED INTERACTION BETWEEN CEPHALEXIN AND GLIBENCLAMIDE INVOLVING PEPTIDE TRANSPORTER1 (PEPT1): AN IN-VITRO STUDY" submitted by A Alekhya with Reg.No:20004P-1004 in partial fulfillment for the award of Master of Pharmacy in "Pharmacology" is a bonafide research work carried out by the candidate under my guidance in UCPSc, KU Warangal. This work is original and has not been submitted in part or full for any other degree or diploma to this or any other University or Institution.

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This is to certify that the dissertation work entitled "SYNTHESIS, CHARACTERIZATION AND EVALUATION OF ANTIOXIDANT ACTIVITY AND MOLECULAR DOCKING STUDIES OF NOVEL DIOXOSPIRO INDOLINE DERIVATIVES FOR COVID-19" is a bonafide and genuine work done by DARAKHSHAN BEGUM (Regd. No. 20004P-1025) in the Pharmaceutical Chemistry laboratory in University College of Pharmaceutical Sciences, Kakatiya University, Warangal (T.S.) for the award of the degree of Master of Pharmacy in Pharmaceutical Chemistry under my guidance and supervision. This work is original and has not been submitted in part or full for any other degree or diploma to this or any other University or Institution.

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This is to certify that the dissertation work entitled "DESIGN, SYNTHESIS, SCREENING AND ANTIOXIDANT ACTIVITY OF NEW PYRROLE-AZETIDINONE DERIVATIVES FOR COVID-19: *Insilico*" submitted by P.Varaprasad with Registration. No.2000-4P-1026 in partial fulfilment for the award of Master of Pharmacy in "Pharmaceutical Chemistry" is a bonafide record of the research work carried out by the candidate under my co-guidance. This work is original and has not been submitted in part or full for any other degree or diploma to this or any other University or Institution.

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This is to certify that the thesis entitled "SYNTHESIS, CHARACTERIZATION, ANTI OXIDANT AND MOLECULAR DOCKING STUDIES OF NOVEL MANNICH BASE DERIVATIVES OF ISATINS FOR ANTI-CANCER ACTIVITY" being submitted to Kakatiya University by Mr. SHAIK RIYAZ for the award of the Master of Pharmacy in Pharmaceutical Chemistry is based on the result of studies carried out by him in the Pharmaceutical Chemistry Laboratory, University College of Pharmaceutical Sciences, Kakatiya University, Warangal (T.S.), India, under my guidance and supervision. This work is original and has not been submitted to any University or Institution either in part or in full for the award of Degree or Diploma.

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This is to certify that the dissertation work entitled "SYNTHESIS, ANTI OXIDANT ACTIVITY AND INSILICO EVALUATION OF 3-(PYRIDIN-4-YL)-[1,3,4]OXADIAZINO[6,5-B]INDOLES FOR ANTICANCER AND COVID-19" is a bonafide and genuine work done by CHEVVA RAGHUNATH (Regd.No. 20004P-1028) in the Pharmaceutical Chemistry laboratory in University College of Pharmaceutical Sciences, Kakatiya University, Warangal (T.S.) for the award of the degree of Master of Pharmacyin Pharmaceutical Chemistryunder my guidance and supervision. This work is original and has not been submitted in part or full for any other degree or diploma to this or any other University or Institution.

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This is to certify that the thesis entititled "DESIGN,SYNTHESIS,ANTIOXIDANT EVALUATION AND MOLECULAR DOCKING STUDIES OF NEW INDOLOXADIAZINO DERIVATIVES AGAINST SARS COV-2" being submitted to Kakatiya University by Ms. SOWMYA AKULA for the award of the Master of Pharmacy in Pharmaceutical Chemistry is based on the result of studies carried out by her in the Pharmaceutical Chemistry Laboratory, University College of Pharmaceutical Sciences, Kakatiya University, Warangal (T.S.), India, under my guidance and supervision. This work is original and has not been submitted to any University or Institution either in part or in full for the award of Degree or Diploma.

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This is to certify that the dissertation work entitled submitted "SYNTHESIS CHARACTERIZATION $4\hbox{-}((4\hbox{-}([1,3,4]Oxadiazino[6,5\hbox{-}B]Indol-3\hbox{-}yl)Phenyl)Diazenyl)Phenol$ **EVALUTION OF** DERIVATIVES FOR ANTIOXIDANT ACTIVITY AND INSILICO SCREENING AGAINST COVID-19" by BADIKE DILEEP with Registration. No.20004P-1030 in partial fulfilment for the award of Master of Pharmacy in "Pharmaceutical Chemistry" is a bonafide record of the research work carried out by the candidate under my co-guidance. This work is original and has not been submitted in part or full for any other degree or diploma to this or any other University or Institution.

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This is to certify that the dissertation work entitled "SYNTHESIS CHARACTERIZATION AND EVALUATION OF ANTIHELMINTHIC AND ANTIOXIDANT ACTIVITIES AND INSILICO SCREENING OF NOVEL BENZIMIDAZOLE-INDOLE-DERIVATIVES FOR COVID-19" is abonafied and genuine work done by Reddy Mamatha (Regd No:20004P-1031) in partial fulfilment, for the award of the degree of Master of Pharmacy in Pharmaceutical Chemistry under my guidance and supervision. This work is original and has not been submitted in part or full for any other degree or diploma to this or any other University or Institution.

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This is to certify that the dissertation work entitled "ANALYTICAL METHOD DEVELOPMENT AND VALIDATION FOR THE ESTIMATION OF POSACONAZOLE IN BULK AND TABLET DOSAGE FORM BY RP-HPLC" is a

bonafide and genuine work done by BANDI MAMATHA (Regd.No. 20004P-1032) at Akrivis pharma Private Limited, Hyderabad, for the award of the degree of Master of Pharmacy in Pharmaceutical Analysis under my guidance and supervision. This work is original and has not been submitted in part or full for any other degree or diploma to this orany other University or Institution.

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CERTIFICATE

This is to certify that the dissertation work entitled "BIOANALYTICAL METHOD DEVELOPMENT AND VALIDATION FOR THE QUANTIFIACATION OF FAMOTIDINE IN HUMAN PLASMA BY USING LC-MS/MS" is a bonafide and genuine work done by Swathi.Varsa (Regd.No. 20004P-1033) at Zenrise Clinical Research Private Limited, Hyderabad, for the award of the degree of Master of Pharmacy in Pharmaceutical Analysis under my guidance and supervision. This work is original and has not been submitted in part or full for any other degree or diploma to this or any other University or Institution.

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This is to certify that the dissertation work entitled "ANALYTICAL METHOD DEVELOPMENT AND VALIDATION FOR THE ESTIMATION OF LENVATINIB IN BULK AND PHARMACEUTICAL DOSAGE FORM BY RP-

HPLC" is a bonafide and genuine work done by GOLLA ANUSHA (Regd.No. 20004P-1034) at SPECTRUM PHARMA RESEARCH SOLUTIONS, Hyderabad, for the award of the degree of Master of Pharmacy in Pharmaceutical Analysis under my guidance and supervision. This work is original and has not been submitted in part or full for any other degree or diploma to this or any other University or Institution.

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This is to certify that the dissertation work entitled "BIOANALYTICAL METHOD DEVELOPMENT AND VALIDATION FOR THE QUANTIFICATION OF THALIDOMIDE IN HUMAN K2EDTA PLASMA BY USING LC-MS/MS" is a bonafide and genuine work done by MALKA.MOUNIKA (Regd.No. 20004P-1035) at Zenrise Clinical Research Private Limited, Hyderabad, for the award of the degree of Master of Pharmacy in Pharmaceutical Analysis under my guidance and supervision. This work is original and has not been submitted in part or full for any other degree or diploma to this or any other University or Institution.

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This is to certify that this dissertation work entitled "Formulation, Characterization and Ex -Vivo Evaluation of Proniosomal Gel of Fluvoxamine for Transdermal Delivery" is a bonafide and original work done by Mr. JALIGAM SUMAN for the award of the Degree of Master of Pharmacy in Pharmaceutics under my guidance and supervision.

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This is to certify that the thesis, entitled "EVALUATION OF ANTICOAGULANT AND ANTITHROMBOLYTIC ACTIVITIES OF ROOT EXTRACTS OF ABELMOSCHUS FICULNEUS Wight&Arn. BY IN VITRO" being submitted by Ms. AMBIGALLA SWATHI with regd.No: 20004P-1014 for partial fulfilment for the award of the degree of MASTER OF PHARMACY in "Pharmacognosy and Phytochemistry" is a bonafide research work carried out by the candidate under my guidance and supervision, University College of Pharmaceutical Sciences, KU, Warangal. This work is original and has not been submitted in part or full for any other degree or diploma to this or any other University or Institution.

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This is to certify that this dissertation work entitled "COMPARATIVE STUDY OF FLOATING DRUG DELIVERY SYSTEM OF CLARITHROMYCIN BY USING VARIOUS POLYMERS" is a bonafide and original work done by Ms. JANNAMPALLY TEJASWI for the award of the Degree of MASTER OF PHARMACY IN PHARMACEUTICS under my guidance and supervision.

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This is to certify that this dissertation work entitled "FORMULATION AND EVALUATION OF LIQUISOLID COMPACTS OF ZIPRASIDONE HYDROCHLORIDE" is a bonafide and original work done by Ms. SEVELLI KEERTHANA (Regd. No: 20004P-1023), Department of Pharmaceutics, University College of Pharmaceutical Sciences, Kakatiya University, Warangal, for the award of the Degree of MASTER OF PHARMACY in PHARMACEUTICS under my guidance and supervision.

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The work embodied in this thesis is original and it has not being submitted for degree or diploma in any university or organization.

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