



KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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48th series of Student Project Programme (SPP): 2024-25

MIDTERM EVALUATION

Date: 22 April 2025, 9.15 AM

Session Link: <https://meet.google.com/nui-davn-mot>

Note: Only the below-mentioned project teams should join the session

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE COLLEGE	NAME OF THE GUIDE (S)	NAME OF THE STUDENT (S)
1.	48S_MSC_0255	DEVELOPMENT OF CHROMIUM-TRIAZOLE-BASED METAL-ORGANIC FRAMEWORKS (MOFs) FOR ANTICORROSION APPLICATIONS IN MILD STEEL	M.Sc	ORGANIC CHEMISTRY	ALVA'S COLLEGE, MOODUBIDIRE	Mrs. RESHMA V	Mr. MAHAVEERA JAIN K M Mr. RANGANATHA T
2.	48S_MSC_0323	NOVEL APPROACHES TO ENHANCE THE EFFICIENCY OF WHITE LIGHT EMITTING DIODES (WLEDs)	M.Sc	CHEMISTRY	DAVANGERE UNIVERSITY, DAVANGERE	Prof. NAGASWARUPA H.P.	Ms. SANIYA BANU Mr. PAVANA H Mr. RAMESHA P B
3.	48S_MSC_0177	ISOLATION, SEMI-SYNTHESIS, ANTIOXIDANT ACTIVITY OF EMBELIN AND ITS DERIVATIVES: MOLECULAR DOCKING STUDIES WITH 1HRC (CYTOCHROME C OXIDASE) AND 7T9L (SARS COV-2, OMICRON SPIKE PROTEIN)	M.Sc	CHEMISTRY	INDIAN ACADEMY DEGREE COLLEGE (AUTONOMOUS), BENGALURU	Dr. JEELAN BASHA N	Mr. BYRAREDDY B Mr. PRASHANTAGOUDA TEJANAGOUDA PATIL Mr. VINAY AV Mr. NAVEENKUMAR K R
4.	48S_MSC_0258	FABRICATION OF METAL ORGANIC FRAMEWORK-5 BASED ELECTROCHEMICAL SENSOR FOR THE DETECTION AND ANALYSIS OF ANTIBIOTICS IN WATER	M.Sc	CHEMISTRY	J.S.S. SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU	Prof. N. KUMARA SWAMY Prof. U. B. MAHADEVASWAMY	Mr. VIJAYAKUMAR K G Ms. INDUSHREE V

5.	48S_MSC_0259	DESIGN OF NOVEL GEL FREE ELECTRODES FOR ECG AND EEG DATA ACQUISITION SYSTEM	M.Sc	CHEMISTRY	J.S.S. SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU	Prof. N KUMARASWAMY Prof. U B MAHADEVSWAMY	Ms. RAVEENA H M Ms. USHA H N
6.	48S_MSC_0329	EVALUTION OF OPTO-ELECTRICAL PROPERTIES OF BCN/PVDF NANOCOMPOSITES FOR PHOTODETECTOR AND UV SHEILDING APPLICATIONS	M.Sc	CHEMISTRY	J.S.S. SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU	Dr. VEDHAVATHI H.S	Mr. RAJENDRA R Ms. PUNYASHREE K.V
7.	48S_MSC_0164	BRICKS FROM GRANITE SLURRY: TRANSFORMING WASTE INTO VALUE	M.Sc	CHEMISTRY	J.S.S. SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU	Dr. J.P. SHUBHA	Mr. SAGAR A.M. Ms. SNEHA K.G. Mr. MANOJ KUMAR G M Ms. DHANUSHREE G.K.
8.	48S_MSC_0040	GREEN SYNTHESIS OF ANTIDIABETIC DRUG INTERMEDIATE	M.Sc	ORGANIC CHEMISTRY	JYOTI NIVAS COLLEGE AUTONOMOUS, BENGALURU	Dr. RAGHU Dr. SHARANAGOUDA J. PATIL	Ms. DEEPALI . M Ms. SAMEEHA BEGUM Ms. PALLAVI TELAGI
9.	48S_MSC_0140	SYNTHESIS AND CHARACTERIZATION OF MODIFIED METAL ORGANIC FRAMEWORK MATERIAL FOR PHOTOCATALYSIS AND INVESTIGATION OF THESE MATERIALS FOR ANTIBACTERIAL AND ANTIFUNGAL ACTIVITIES	M.Sc	CHEMISTRY	K.L.E. SOCIETY'S S. NIJALINGAPPA COLLEGE, BENGALURU	Ms. DIVYARANI.K	Mr. THEERTHAN GOWDA .R Mr. DHANUSH D K Mr. CHETHAN SRIHARI.A Mr. LAKSHMISH.G
10.	48S_MSC_0136	DESIGN AND SYNTHESIS OF NOVEL CYANOPYRIDONE-BASED SMALL MOLECULES FOR OPTOELECTRONIC AND MEDICINAL APPLICATIONS	M.Sc	ORGANIC CHEMISTRY	K.L.E. SOCIETY'S S. NIJALINGAPPA COLLEGE, BENGALURU	Dr. VISHRUTHA K S	Mr. KARTHIK S J Mr. CHAITHRA G Ms. SONY L Ms. MAMATHA S

11.	48S_MSC_0280	NEXT-GENERATION ANTIMICROBIAL POLYMER NANOCOMPOSITE MEMBRANES FOR ADVANCED BIOFOULING SUPPRESSION AND PROTEINACEOUS EFFLUENT PURIFICATION	M.Sc	ORGANIC CHEMISTRY	M.S. RAMAIAH COLLEGE OF ARTS, SCIENCE AND COMMERCE, BENGALURU	Dr. PANCHAMI H R Dr. BHARATH K DEVENDRA	Ms. ANANYA S S Ms. RAMITHA E SINGH Ms. KOUNAIN
12.	48S_MSC_0290	SUSTAINABLE SYNTHESIS OF BENZIL-THIAZOLE DERIVATIVES AND THEIR METAL COMPLEXES: BRIDGING GREEN CHEMISTRY, COORDINATION SCIENCE, AND ANTIOXIDANT APPLICATIONS WITH IN-SILICO STUDIES	M.Sc	ORGANIC CHEMISTRY	M.S. RAMAIAH COLLEGE OF ARTS, SCIENCE AND COMMERCE, BENGALURU	Dr. AMREEN KHANUM Dr. RAJEGOWDA H R	Ms. APOORVA S O Ms. GEETHA SHREE PM Ms. MANGALA GOWRI S A Ms. SAHANA P
13.	48S_MSC_0065	FABRICATION AND DEVELOPMENT OF BIOACTIVE NANO YARNS AS EFFECTIVE SURGICAL SUTURE FOR WOUND HEALING: A COMPREHENSIVE ANALYSIS OF CHARACTERIZATION, THERAPEUTIC EFFECTIVENESS, AND CYTOTOXIC EVALUATION"	M.Sc	CHEMISTRY	M.S. RAMAIAH UNIVERSITY OF APPLIED SCIENCES, BENGALURU	Dr. JYOTSNA KUMAR	Ms. PAVITRA PRABHAKAR MUNAVALLI
14.	48S_MSC_0066	SYNTHESIS OF NOVEL PYRIMIDINE - CONJUGATED N-HETEROCYCLIC DRUG MOLECULE/S AS MULTIFUNCTIONAL ANTI-ALZHEIMER AGENTS: MECHANISM OF ACTION AND DEVELOPMENT OF ADVANCED COMPUTATIONAL ALGORITHMS FOR DISCRIMINATING ACTIVE AND INACTIVE ANTI-ALZHEIMER MOLECULES	M.Sc	CHEMISTRY	M.S. RAMAIAH UNIVERSITY OF APPLIED SCIENCES, BENGALURU	Dr. JYOTSNA KUMAR Dr. SUBARNA CHATEERJEE	Mr. RAKSHITH V BHARADWAJ

15.	48S_MSC_0196	DEVELOPMENT OF A NOVEL GREEN NITRIC OXIDE-RELEASING WOUND DRESSING, CHARACTERIZATION AND IN VITRO STUDY FOR HEALING OF MRSA-INFECTED BIOFILMS AND DIABETIC FOOT ULCERS	M.Sc	CHEMISTRY	M.S. RAMAIAH UNIVERSITY OF APPLIED SCIENCES, BENGALURU	Dr. JYOTSNA KUMAR Dr. PRIYANKA K P	Ms. RESHMA SURESH Ms. NANDANA P
16.	48S_MSC_0068	DEVELOPMENT OF SMART COMPOSITE COATED PAPER USING AGRICULTURE WASTE AS SUBSTITUTE FOR PETROLEUM DERIVED MULCHES	M.Sc	CHEMISTRY	MANGALORE UNIVERSITY, MANGALURU	Prof. VISHALAKSHI B Mr. SANTHOSHA	Mr. SUDHANVA SHYAM S. Mr. VILAS Mr. PRAJWAL Mr. DHEERAJ
17.	48S_MSC_0313	RHODAMINE B IN SUGAR CANDY: DETECTION AND QUANTIFICATION BY TLC AND UV-VISIBLE SPECTROSCOPY AND DEGRADATION BY COCONUT SHELL-ZNO PHOTOCATALYST	M.Sc	CHEMISTRY	N.M.K.R.V. COLLEGE FOR WOMEN, BENGALURU	Dr. SHYAMALA R Dr. GOVINDAGOUDA SHREENIVASA PATIL	Ms. KRUTHIKA BHARADWAJ S M Ms. NISHA PATEL D Ms. AYESHA KHANUM
18.	48S_MSC_0299	DNA BINDING STUDIES OF NEWLY SYNTHESIZED ORGANIC MOLECULES	M.Sc	CHEMISTRY	RAICHUR UNIVERSITY, RAICHUR	Dr. LATHA M S Dr. SUNITHA M S	Mr. MD. SHAHEBAAZ Ms. NANDINI Ms. HARSHIYA Ms. MADHUSHRI KONAL
19.	48S_MSC_0227	SYNTHESIS OF CUO-GO NPS COMPOSITE USING GREEN LEAVES EXTRACT AND APPLICATION IN PHOTOCATALYTIC ACTIVITIES	M.Sc	CHEMISTRY	RANI CHANNAMMA UNIVERSITY, BELAGAVI	Prof. K . KANTHARAJU	Mr. SAGUN B V Ms. ARPITA NAGURE
20.	48S_MSC_0247	GREEN SYNTHESIS OF ZNO-CQD'S COMPOSITES AND ITS APPLICATIONS IN PHOTOCATALYTIC ACTIVITY STUDIES	M.Sc	CHEMISTRY	RANI CHANNAMMA UNIVERSITY, BELAGAVI	Prof. K. KANTHARAJU	Ms. SHILPA S KAMBLE Ms. ANKITA S PADAGURI

21.	48S_MSC_0028	SYNTHETIC APPROACHES OF ANTIBIOTIC PEPTIDES IN SOLUTION PHASE THROUGH A ORGANIC LINKER	M.Sc	CHEMISTRY	REVA UNIVERSITY, BENGALURU	Dr. NAGENDRA G	Mr. NANDEESH S Mr. DARSHAN M R Mr. RAHUL S M Mr. SUHAS R
22.	48S_MSC_0035	ASSESSMENT OF PHYTO-CHEMICAL PROPERTIES OF VEGETABLES FROM POLLINATED AND NON POLLINATED AGRICULTURAL CROP FIELDS	M.Sc	CHEMISTRY	S.E.A. COLLEGE OF SCIENCE, COMMERCE AND ARTS, BENGALURU	Dr. ROOPA P	Ms. PRATHIBHA TN Ms. GANASRI M Ms. PALLAVI BV Ms. POORNIMA
23.	48S_MSC_0235	ENHANCING THE SOIL HEALTH AND NUTRIENT EFFICIENCY USING CONTROL RELEASE UREA FERTILIZER COATED WITH BIOCOMPATIBLE NANOMATERIALS	M.Sc	ORGANIC CHEMISTRY	St. JOSEPH'S UNIVERSITY, BENGALURU	Dr. NALINI G SUNDARAM	Mr. V SAI SUBRAMANIAN Ms. RAMITHA D K
24.	48S_MSC_0342	THE POTENTIAL OF TRANSITION METAL COMPLEXES AS A PROMISING SOURCE FOR PLANT ABSORPTION AND THERAPY OF DEFICIENCIES	M.Sc	CHEMISTRY	St. PHILOMENA'S COLLEGE, MYSURU	Dr. ASHA MS Ms. LYDIYA VANDANA	Ms. JAYALAKSHMI K Ms. NISARGA D R Mr. NAVEEN K
25.	48S_MSC_0102	SYNTHESIS, CHARACTERISATION AND BIOLOGICAL STUDY OF COUMARIN DERIVATIVES	M.Sc	CHEMISTRY	SURANA COLLEGE AUTONOMOUS, BENGALURU	Ms. THANUSHREE D R	Ms. HARSHITHA K Ms. POOJA R Mr. MADHU K S Mr. SUNIL D C
26.	48S_MSC_0014	BIOSYNTHESIS OF METAL OXIDE / RGO BASED NANO COMPOSITES FOR SUPER CAPACITORS APPLICATIONS	M.Sc	CHEMISTRY	UNIVERSITY COLLEGE OF SCIENCE, TUMKUR UNIVERSITY, TUMAKURU	Dr. NIRMALA B	Mr. BHARATH N Ms. BHOOMIKA A C Ms. RADHA G.

27.	48S_MSC_0046	METAL OXIDE FUNCTIONALIZED BIOCHAR NANANOCOMPOSITE AS A HETEROGENOUS CATALYST FOR SOLVENT-FREE ORGANIC TRANSFORMATION AND ENVIRONMENTAL REMEDIATION	M.Sc	CHEMISTRY	UNIVERSITY COLLEGE OF SCIENCE, TUMKUR UNIVERSITY, TUMAKURU	Dr. ARUNA KUMAR D B Dr. NIVEDITA RATNAKAR DESAI	Mr. CHETHAN B S Mr. VENKATESH M D Mr. HEMANTH J
28.	48S_MSC_0048	DESIGN, SYNTHESIS, DFT, BIOLOGICAL EVALUATION AND MOLECULAR DOCKING STUDIES OF NOVEL QUINOLINE DERIVATIVES	M.Sc	CHEMISTRY	UNIVERSITY COLLEGE OF SCIENCE, TUMKUR UNIVERSITY, TUMAKURU	Prof. S.SREENIVASA Dr. ARUNA KUMAR D.B	Ms. BHAVANA P Ms. BHOOMIKA. H.P
29.	48S_MSC_0051	SYNTHESIS, CHARACTERIZATION, EVALUATION OF ANTIMICROBIAL PROPERTIES OF AZO - FUNCTIONALIZED SCHIFF BASES AND THEIR METAL COMPLEXES	M.Sc	CHEMISTRY	UNIVERSITY COLLEGE OF SCIENCE, TUMKUR UNIVERSITY, TUMAKURU	Dr. P RAGHAVENDRA KUMAR	Ms. PRAGATHI V R Ms. NISARGA H J Ms. SHRUSTI B D Ms. CHANDRIKA K
30.	48S_MSC_0069	SYNTHESIS, SPECTRAL ANALYSIS, ELECTROCHEMICAL AND BIOLOGICAL PROPERTIES OF NOVEL ISONIAZID BASED TRIAZOLE DERIVATIVES : IN VITRO AND IN SILICO STUDIES	M.Sc	ORGANIC CHEMISTRY	VIJAYA COLLEGE, BENGALURU	Dr. S.M. BASAVARAJIAH	Ms. SOWBHAGYA Ms. KOMALA G.K Mr. MOHAMMAD IBRAHIM PASHA