

## IN HOUSE RESEARCH PROJECTS

**2017-2018**

Code	Course/Department	Topic	PIs
<b>SCIENCES</b>			
01/2017	<b>Botany</b>	Quality Assessment of Drinking Water at Inlet and outlet of RO System in Kalindi College	Dr. Divya Verma Dr. Garima Malik
02/2017	<b>Computer Science</b>	Result Analysis Suite & Feedback System	Mr. Pankaj Sambyal
03/2017	<b>Computer Science</b>	Social Media for Youth: A Boon or a Bane	Ms. Nidhi Arora Dr. Reena Jain Dr. Vandana Gupta
04/2017	<b>Mathematics</b>	Portfolio Optimization with Emphasis on Investments Made by Indian Women	Ms. Charu Khanna Ms. Sunita Sharma
05/2017	<b>Mathematics</b>	Functions of Numerical Analysis & Quantitative Analysis	Ms. Anshu Chotani Dr. Indarpal Singh Dr. Mohd Nadeem Mr. Sanjeev Kumar
06/2017	<b>Mathematics</b>	Applications of Group Theory	Ms. Anju Rattan Dr. Abhishek Singh Mr. Sanjay Kumar
07/2017	<b>Mathematics</b>	History of Indian Mathematics: A Research from Vedic to Modern	Ms. Neelam Bareja Dr. Prempal Singh
08/2017	<b>Physics</b>	Evaluation of Metal Contamination in Environmental Samples using Atomic Spectroscopic Techniques Across Regions of Delhi	Dr. Punita Verma
09/2017	<b>Physics</b>	Study of Mode of Excitation in Optical Waveguides	Dr. Pushpa Bindal Dr. Triranjita Srivastava
10/2017	<b>Zoology</b>	The Living Green Wall of College-An Educational Exposition of Bottle Vertical Garden System	Dr. K. Vandana Rani Dr. Shanuja Beri

  
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<b>COMMERCE</b>			
11/2017	<b>Commerce</b>	A Study to Examine the Motivational Level of Industry Workers: A Case Focusses on Parle Biscuits Pvt. Ltd.	Ms. Anita Verma Ms. Gunjan Verma
<b>SOCIAL SCIENCES</b>			
12/2017	<b>Geography</b>	GIS Based Emergency Response System of Kalindi College	Ms. Seema Sahdev Dr. Manish Kumar
13/2017	<b>Hindi</b>	Vigyapanon Ka Samajik Sandarbh	Ms. Rekha Meena Ms. Raksha Geeta
14/2017	<b>History</b>	Interplay with Architectures of Mamluqat-i-Sultanate-i-Hind with special reference to Qutub Complex	Dr. Anjali Malik Dr. Aditi Chaudhary
15/2017	<b>Journalism</b>	Prayas: An Initiative to Ban Plastic & Promote Pottery Heritage	Dr. Sunita Ms. Ritu Yadav Mr. Ezra John Ms. Mamta Ms. Manisha Ms. Salma Rehman
16/2017	<b>Music</b>	Thumri Gayaki-Development in Past 50 Years	Ms. Renu Gupta
17/2017	<b>Political Science</b>	Right to Privacy is a Fundamental Right: Meaning, Implications & Challenges	Dr. Meena Charanda Dr. Priyabala Singh
18/2017	<b>Political Science</b>	Urban Marginality: Emerging Problems of Northeastern Girl Students	Dr. Rakhee Chauhan Ms. Manila Narzary
19/2017	<b>Political Science</b>	STREE- Empower Women, Empower Nation: A Case Study of Women in Delhi	Dr. Nivedita Giri Dr. Vinita Meena
20/2017	<b>Political Science</b>	Political Participation of Dalit Women Elected in Local Governance: A Study of Municipal Corporations in Delhi	Dr. Seema Mathur Dr. Vandana Rani
21/2017	<b>Economics</b>	A study on sanitary napkins: its accessibility, acceptability and sustainability in areas of Delhi and Haryana.	Dr. Rashmi Chaudhary Ms. Indu Chaudhary
22/2017	<b>Economics</b>	Economic Transition and Obesity in Adolescence Children: A study of metropolitan City	Ms. Richa Dr. Poonam Tyagi

## 2018-19

Sl. No	Discipline / Department(s)	Topic	PIs	Status of the project
1	Commerce 01/2018	Environmental Awareness in Micro and Small Enterprises (Services) of Karol Bagh Commercial Area, New Delhi	•Dr. Pankaj Kumar	
2	Commerce 02/2018	Women Entrepreneurship: Past Trends, a new perspective and future aspects	•Ms. Gunjan Verma •Dr. Alka Chaturvedi •Ms. Shweta Raj	Submitted

3	Commerce 03/2018	Financial Literacy: A Study of University of Delhi	<ul style="list-style-type: none"> <li>• Ms. Sonia Kamboj</li> <li>• Ms. Shivali Veen</li> <li>• Ms. Alka Rani</li> </ul>	Submitted
4	Economics 04/2018	Economics of Happiness: A Study Based on Delhi & NCR	<ul style="list-style-type: none"> <li>• Dr. Indu Chaudhary</li> <li>• Dr. Rashmi Chaudhary</li> <li>• Ms. Madhuri Singh</li> </ul>	Submitted
5	Economics 05/2018	Gender Wage Differentials	<ul style="list-style-type: none"> <li>• Dr. Indu Chaudhary</li> <li>• Ms. Mamta</li> </ul>	Submitted
6	Economics 06/2018	Structural Reforms and Health Equity in India	<ul style="list-style-type: none"> <li>• Dr. Punam Tyagi</li> <li>• Dr. Richa Gupta</li> </ul>	Submitted funds not utilised
7	English 07/2018	A man's world: Mapping the processes of masculinization through the genre of the bildungsroman	<ul style="list-style-type: none"> <li>• Dr. Chaity Das</li> </ul>	Submitted funds not utilised
8	English 08/2018	Understanding of the politics of banning of a tribal (Santhal) Text, ' <i>The Adivasi will Not Dance</i> ', By Hansda Sowendra Shekha	<ul style="list-style-type: none"> <li>• Dr. Chaity Das</li> <li>• Ms. Surabhi Jayati Purti</li> </ul>	
9	English 09/2018	Young Emotions: Stepping into Adulthood	<ul style="list-style-type: none"> <li>• Ms. Monica Zutshi</li> <li>• Ms. Shipra Gupta</li> <li>• Ms. Tanu Sharma</li> <li>• Mr. Sushrut Bhatia</li> </ul>	Submitted funds not utilised
10	English 10/2018	Resisting Stereotypes: Analysing the Non-Heteronormative Experiences	<ul style="list-style-type: none"> <li>• Mr. Arun Singh Awana</li> </ul>	Submitted funds not utilised
11	English 11/2018	Women in the Adapted Versions of Marchen	<ul style="list-style-type: none"> <li>• Dr. C. Anupama</li> <li>• Ms. L Paveine</li> <li>• Ms. Monica Zutshi</li> </ul>	Submitted funds not utilised
12	Journalism 12/2018	Empowering Women in Delhi/Urban Slums through digital literacy	<ul style="list-style-type: none"> <li>• Dr. Sunita Mangla</li> <li>• Mr. Ezra John</li> <li>• Ms. Manisha</li> <li>• Ms. Mamta</li> </ul>	Submitted
13	Geography 13/2018	Health Care Management Information System: Spatial Study of NCT of Delhi	<ul style="list-style-type: none"> <li>• Dr. Seema Sahdev</li> <li>• Dr. Manish Kumar</li> <li>• Dr. Usha Kumari</li> <li>• Dr. Shashi Bhushan</li> </ul>	
14	History 14/2018	Impact of Pollution on Historical Monuments	<ul style="list-style-type: none"> <li>• Dr. Rini Pundhir</li> <li>• Ms. Richa Mani</li> </ul>	

15	Music 15/2018	Sufi Sangeet Evam Sahitya	<ul style="list-style-type: none"> <li>•Ms. Renu Gupta</li> <li>•Ms. Anuradha Kotiyal</li> </ul>	
16	Political Science 16/2018	Political Participation of Dalit Women: A Comparative Study of Model Panchayat in Haryana & Uttar Pradesh	<ul style="list-style-type: none"> <li>•Dr. Seema Mathur</li> <li>•Dr. Sunita Mangla</li> <li>•Dr. Nivedita Giri</li> </ul>	
17	Political Science 17/2018	Accessibility of Right to Information Act 2005: A Case Study of Delhi	<ul style="list-style-type: none"> <li>•Dr. Vinita Meena</li> <li>•Dr. Sandeep Kumar</li> </ul>	
18	Political Science 18/2018	Women's Health and Nutrition: An Analysis of NRHM Scheme in Karol Bagh, Delhi	<ul style="list-style-type: none"> <li>•Ms. Vandana Rani</li> <li>•Dr. Seema Mathur</li> </ul>	
19	Political Science 19/2018	Right to Privacy is a Fundamental Right: Meaning, Implications and Challenges	<ul style="list-style-type: none"> <li>•Dr. Meena Charanda</li> <li>•Dr. Ritu Sharma</li> </ul>	Submitted funds not utilised
20	Political Science 20/2018	Socio-Economic Marginality: Emerging Problems of North Eastern Girls Students	<ul style="list-style-type: none"> <li>•Dr. Rakhee Chauhan</li> <li>•Ms. Manila Narzary</li> </ul>	Submitted
21	Mathematics 21/2018	Process Management of Plastic Products	<ul style="list-style-type: none"> <li>•Dr. Indrapal Singh</li> <li>•Mr. Sanjay Kumar</li> <li>•Ms. Anshu Chotani</li> </ul>	Submitted
22	Mathematics 22/2018	Mathematical Modelling of Air Pollutants: An Application to National Capital Territory Delhi	<ul style="list-style-type: none"> <li>•Ms. Neelam Bareja</li> <li>•Dr. Prempal Singh</li> </ul>	Submitted
23	Mathematics 23/2018	Management of Faculty- Subject Assignment Using Mathematical Programming Based on Conditions Specific to Various Departments of Kalindi College, Delhi University	<ul style="list-style-type: none"> <li>•Ms. Sunita Sharma</li> <li>•Ms. Charu Khanna</li> </ul>	Submitted
24	Botany 24/2018	Green Synthesis of Gold Nanoparticles from Leaf Extract of <i>Rhoeo Discolor</i> and Study its Antimicrobial Properties	<ul style="list-style-type: none"> <li>•Dr. Divya Verma</li> <li>•Dr. Nagma Praveen</li> </ul>	
25	Botany 25/2018	Documentation and Identification of Pollens Found in Kalindi College	<ul style="list-style-type: none"> <li>•Dr. Sudesh Bhardwaj</li> </ul>	
26	Zoology 26/2018	An Educational Exposition of Bottle Vertical Garden System	<ul style="list-style-type: none"> <li>•Dr. K. Vandana Rani</li> <li>•Dr. Shanuja Beri</li> </ul>	Submitted funds not utilised
27	Zoology 27/2018	Linking Urban Green Spaces with potential Carbon Stock	<ul style="list-style-type: none"> <li>•Dr. Varsha Singh</li> <li>•Dr. Manisha Arora Pandit</li> <li>•Dr. Tarkeshwar</li> </ul>	Submitted

28	Zoology 28/2018	Reinvigorate the Butterfly Conservatory	<ul style="list-style-type: none"> <li>•Dr. Varsha Singh</li> <li>•Dr. Manisha Arora Pandit</li> <li>•Dr. Tarkeshwar</li> </ul>	Submitted
29	Computer Science 29/2018	Analysing Real World Relationships through Network Analysis	<ul style="list-style-type: none"> <li>•Ms. Nidhi Arora</li> <li>•Dr. Reena Jain</li> <li>•Dr. Vandana Gupta</li> </ul>	Submitted
30	Computer Science 30/2018	Online Transaction Security Issues in MANET	<ul style="list-style-type: none"> <li>•Ms. Shalini Sharma</li> <li>•Mr. Arokia Ramya</li> </ul>	
31	Physics 31/2018	To elucidate Fresnel's equations for reflection of electromagnetic waves at an interface between dielectric media and to correlate the reflection and transmission coefficients of lossless and lossy materials for implication in energy conservation and its potential applications.	<ul style="list-style-type: none"> <li>•Dr. Rachna Kumar</li> <li>•Dr. Seema Gupta</li> </ul>	Submitted
32	Physics 32/2018	Optical Characterization of Semiconductor based Light Sources and their Applications	<ul style="list-style-type: none"> <li>•Dr. Pushpa Bindal</li> <li>•Dr. Triranjita Srivastava</li> </ul>	Submitted
33	Physics 33/2018	Investigation of Adultration in Milk using Surface Pasmon Resonance	<ul style="list-style-type: none"> <li>•Dr. Sudha Gulati</li> <li>•Dr. Monika Bassi</li> <li>•Dr. Savita Sharma</li> </ul>	Submitted
34	Physics 34/2018	Research Methodology for Physics Research	<ul style="list-style-type: none"> <li>•Dr. Punita Verma</li> </ul>	
35	Commerce, Journalism & B.Voc. Print Technology 35/2018	Empowering EWS Students of Kalindi College through Screen Printing Literacy	<ul style="list-style-type: none"> <li>•Dr. Pankaj Kumar</li> <li>•Dr. Sunita Mangla</li> <li>•Mr. Sanjay Bharti</li> <li>•Dr. Seema Mathur</li> </ul>	
36	Commerce, Computer Science & B.Voc. Web Designing 36/2018	Placement Portal Kalindi College	<ul style="list-style-type: none"> <li>•Dr. Pankaj Kumar</li> <li>•Mr. Rajeev Kumar Rai</li> <li>•Ms. Shalini Sharma</li> </ul>	
37	Political Science &	A Study of Sustainable Waste Management Practices in Higher Educational Institutes: Special Reference to Delhi University	<ul style="list-style-type: none"> <li>•Ms. Vandana Rani</li> </ul>	

	Commer e 37/2018		•Dr. Aastha Verma	
38	Commer e Economic s 38/2018	Impact of GST on Commerce and Industry	•Dr. Rashmi Chaudhary •Ms. Gunjan Verma	Submitted
39	History & Journalis m 39/2018	Cinematic Representation of Women in Popular Period Films of Bollywood	•Dr. Rini Pundhir •Mr. Ezra John •Ms. Richa Mani	
40	History, Hindi, Physics 40/2018	History of Education System in India and a comparison with the existent system	•Dr. Krishna Kumari •Dr. Raksha Gita •Ms. Navnita •Dr. Punita Verma	
41	Physics & Mathemat ics 41/2018	Employing Mathematical Methods and Techniques for Solution of Problems in Physics	•Dr. Punita Verma •Ms. Sunita Sharma	
42	Mathemat ics, Physics, Sanskrit 42/2018	Vedic Mathematics – An Essential of Science	•Ms. Anju Rattan •Dr. Punita Verma •Dr. Abhishek Kumar Singh •Dr. Shashi Punia	
43	Geograph y & Mathemat ics 43/2018	Modeling for the Future Flood Vulnerability and Risk Assessment Analysis: Yamuna Catchment Area of NCT of Delhi using Geo- Mathematical Spatial Techniques	•Dr. Seema Sahdev •Dr. Manish Kumar •Dr. Prempal Singh	
44	Zoology, Chemistry & Botany 44/2018	Ayurveda: The Alternative System of Time Tested Medicine	•Dr. Tarkeshwar •Dr. Amit Kumar •Dr. Divya Verma	Submitted
45	Physics & Zoology 45/2018	Student Wellness: Strategy for Students Success through Medical Diagnostics	•Dr. Punita Verma •Dr. Tarkeshwar	Submitted

**2019-20, 2020-21**

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# कालिन्दी महाविद्यालय

(दिल्ली विश्वविद्यालय)  
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23.9.2019

## OFFICE ORDER

In compliance with the suggestions given by NAAC Peer team, seed money of @Rs 200/- per student was introduced from the Academic Session 2017-18. Therefore, Research Project Allocation Committee has recommended the following projects to be undertaken by different departments as per the money allocated and proposal received from them for the Academic Session 2019-20 subject to the approval of the Governing Body of the College:-

DISCIPLINE / DEPARTMENT(S)	Title of the Project	PIS	Budget Allocated	
			BUDGET ESTIMATES	ALLOCATED AMOUNT
<b>SCIENCES</b>				
Computer Science (01/2019)	Applications of Data Analysis in Education	Ms. Shalini Sharma Ms. Arokia Ramya	30,000	23,000
Chemistry (02/2019)	Synthesis of ZnO Nanomaterial by Precipitation Method and Characterization for Photocatalytic degradation of Contaminants in water	Dr. Aprajita Gaur Dr. Swati Aggarwal Dr. Rajesh Kumar	20,000	20,000
Physics (03/2019)	Investigation of Mechanics Problems through Computer Simulation using Scilab	1. Dr. Monika Bassi 2. Dr. Rashmi Menon 3. Ms. Varshar 4. Dr. Majhar Ali  Academic Advisor : Dr. Sudha Gulati	15,000	5,000
Physics (04/2019)	Study of Electrical behavior of Metal-Semiconductor Contacts for UV Photodetectors	1. Dr. Sudha Gulati 2. Dr. Savita Sharma  Academic Advisor : Dr. Monika Bassi	15,000	5,000
Physics (05/2019)	A pedagogical approach towards understanding techniques for accelerator based experiments	Dr. Punita Verma	12,000	5,000
Physics (06/2019)	Carbon Nanotube (CNT) based gas sensors, effect of gas adsorption and their selective gas sensing properties.	Dr. Rachana Kumar Dr. Seema Gupta Mr. Ankur Anand	9,000	5,000
Physics (07/2019)	Propagation Characterisation of Metamaterial based Waveguides	Dr. Pushpa Bindal Dr. Triranjita Srivastava	10,500	5,000
Zoology (08/2019)	Reinvigorate the Butterfly Conservatory	Dr. Varsha Singh	10,000	10,000

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		Academic Advisor: Dr. Tarkeshwar  Dr. M. Rejina		
Zoology (09/2019)	Linking urban green spaces with potential carbon stock	Dr. Tarkeshwar  Academic Advisor: Dr. Varsha Singh  Dr. Mamta Tripathy	10,000	10,000
<b>SOCIAL SCIENCES</b>				
Economics (10/2019)	The Impact of Mudra Yojna on Employment in Delhi	1. Dr. Anjali Bansal Mrs. Anita	6,000	6,000
Economics (11/2019)	Experiments in Economics: An analysis of Theory and Evidence	Dr. Punam Tyagi Dr. Indu Chaudhary  Ms. Punam Yadav	6,000	6,000
Economics (12/2019)	Rationing Constraints in Indian Rural Credit Market and Farmer Suicides	Dr. Indu Choudhary (Academic Advisor)  Mr. Rohit Kumar	14,000	14,000
English (13/2019)	Portrayal of Gender Stereotypes across Different Cultures: Analysing gender stereotyping in children's literature	Ms. Monica Zutshi Ms. Shipra Gupta	7,500	7,500
Journalism (14/2019)	The Third Gender: Breaking Stereotypes and Exploring Opportunities for the Transgender Communities in Delhi	Dr. Sunita (PI) Invigilators • Mr. Ezra John, • Ms. Manisha, • Ms. Mamta, • Ms. Salma Rehman, • Mr. Gaurav Kumar, Ms. Ritika Pant	30,000	30,000
Mathematics (15/2019)	"Mathematical Modeling of Natural Resources and its Impacts on Future Population Growth in India"	Ms. Neelam Boreja Dr. Prem Pal	13,000	8,000
Mathematics (16/2019)	A Study on Differential Equations used in daily life	Ms. Anshu Chutani Dr. Indarpal Singh Mr. Sanjay Kumar Ms. Garima Gaur	9,500	8,000
Mathematics (17/2019)	Applications of Cryptography	Ms. Anju Rattan Dr. Abhishek Kumar Singh Mr. Sanjay Kumar Dr. Tajender Kumar	8,000	8,000
Political Science (18/2019)	Women's Political Participation and Decision-Making Power in Northeast India: An Analysis of Election Results of Seven States	Dr. Rakhee Chauhan Dr. Meena Charanda	13,000	13,000
Political Science (19/2019)	Empowering Dalit Women Elected Representatives (DWERs) in Local Governance	Dr. Seema Mathur  Academic Advisor: Dr. Meena Charanda	37,000	27,000

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Sanskrit (20/2019)	Kalidas ke Sahitya Main Samajik Jeevan ka Yatharth Chitran	Dr. Deshraj	6,000	6,000	
<b>INTERDISCIPLINARY PROJECTS</b>					
Economics & Physics (21/2019)	Scientific solution of manual scavenging and social	Dr. Indu Chaudhary Dr. Punita Verma	60,000	50,000	
Zoology & Chemistry (22/2019)	Microbial Fuel Cell As A Tool To Harvest Electrogenic Microbes In Energy Production From Waste Water: An Approach Towards Sustainable Environment Management	Dr. Tarkeshwar Dr. Amit Kumar	20,000	20,000	
Physics & Zoology (23/2019)	Student Wellness: An Strategy For Students Success Assessment through Medico-Physiological and Life Style Patterns	Dr. Punita Varma Dr. Tarkeshwar Dr. Varsha Singh	15,000	15,000	
Chemistry & Zoology (24/2019)	Development of Web-based Interactive Virtual Laboratory System cum Manual Preparation for Chemical/Life Science Subjects	1. Dr. Shilpika Bali Mehta. 2. Dr. Tarkeshwar, 3. Dr. Amit Kumar 4. Dr. Priyanka Bidhuri,	25,000	25,000	
Economics & Computer Science (25/2019)	Project <i>Veran</i>	Dr. Indu Chaudhary Dr. Ponam Tyagi Dr. Shalini Sharma	50,000	40,000 Requested to Modify Project	
Hindi & Physics (26/2019)	<i>Filmy Giton main Sri Chhavi ka Samajshastriya Vashleshan</i>	Dr. Punita Varma (Advisor) Dr. Raksha Gita	4,000	4,000	
<b>RESEARCH PROJECTS OF 2018-19 EXTENDED FOR 2019-20</b>					
Commerce (01/2018)	Environmental Awareness in Micro and Small Enterprises (Services) of Karol Bagh Commercial Area, New Delhi	Dr. Pankaj Kumar		17,000	
Economics (04/2018)	Economics of Happiness: Are rich countries happier than poor countries? - a cross country comparative study based on panel data	Dr. Indu Choudhary (Academic Advisor) Ms. Madhuri Singh Ms. Phunchok Dolker		5,000	
History (14/2018)	Impact of Pollution on Historical Monuments	Dr. Rini Pundhir Ms. Richa Mani		10,000	
Music (15/2018)	Sufi Sangeet Evam Sahitya	Mrs. Renu Gupta Ms. Anuradha Kotiyal		10,000	
Political Science (17/2018)	Accessibility of Right to Information Act 2005: A Case Study of Delhi	Dr. Vinita Meena Dr. Sandeep Kumar		17,000	
Botany (24/2018)	Green Synthesis of Gold Nanoparticles from Leaf Extract of <i>Rhynchospora discolor</i> and Study its Antimicrobial Properties	Dr. Divya Verma Dr. Nagma Praveen		23,000	
Botany (25/2018)	Documentation and Identification of Pollens Found in Kalindi College	Dr. Sudesh Bhardwaj		11,500	

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Zoology (26/2018)	An Educational Exposition of Bottle Vertical Garden System	Dr K. Vandana Rani Dr. Shantuja Beri	15,000
Commerce, Computer Science & B.Voc. Web Designing 36/2018.	Placement Portal Kalindi College	Dr. Pankaj Kumar Mr. Rajeev Kumar Rai Ms. Shalini Sharma	15,000
History & Journalism (39/2018)	Cinematic Representation of Women in Popular Period Films of Bollywood	Dr. Rini Pundhir Mr. Ezra John Ms. Richa Mann	10,000

Guidelines for College funded Research Project 2019-20, are enclosed herewith for your perusal. Principal Investigators are requested to proceed further in this regard and required to submit the utilization certificate for the same by the end of the financial year 2019-20.

Copy to:- Accounts for necessary action to be taken at their end

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Principal  
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2021-22

## कालिन्दी महाविद्यालय

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24.9.2021

### OFFICE ORDER

The Research Project Allocation Committee has recommended the following projects for the Academic Session 2021-22 to be undertaken by different departments as per the money allocated, after following the process of review by experts and discussion within Research Projects Allocation Committee with the approval of the Governing Body of the College:-

Inter-Disciplinary Projects								
S.NO.	Discipline / Department(S)	Date of Application	Topic	Year of project proposal	PI(S)	Students	Budget Allocated	
							Budget Estimates	Allocated Amount
1.	Physics, Mathematics 01/2021	6/19/2021	"Vedic Mathematics in Modern Era"	2021-22	Dr. Punita Verma, Dr. Abhishek Kumar	15	8,000/-	8000/-
2.	History, Hindi, Physics 02/2021	4/30/2021	Women's participation in freedom movement	2020-21	Dr. Punita Verma, Dr. Krishna Kumari Dr. Raksha Geeta	13	7,000/-	7000/-
3.	Botany, Chemistry 24/2018_03/2021	7/11/2021	"Green Synthesis of Silver Nanoparticles from Leaf Extract of Rheo discolor and Study its Antimicrobial, Properties. (24/2018)"	2020-21	Dr. Divya Verma, Dr. Rajesh Kumar	3	23,000/-	From 2018-19 & 2019-20 Rs 23,000/-
4.	Zoology, Physics, Botany, 04/2021	7/17/2021	Assessment of Polycystic Ovarian Syndrome in Indian female population and understanding the amelioration of its complication by lifestyle regulation.	2021-22	Dr. Shanuja Beri, Dr. Punita Verma, Dr. Pawan Kumar	24	30,000/-	30,000/-
5.	Economics, Computer Science, 05/2021	7/13/2021	Financing the Unorganised Sector: Impact of Government Initiatives	2020-21	Dr. Shalini Agarwal, Dr. Reena Jain	12	25,000/-	25,000/-
6.	Journalism, Hindi, 06/2021	7/13/2021	Representation Of Women's Issues By Print Vs Broadcast Media	2021-22	Dr Meena Charanda, Dr. Manisha Tomar, Dr. Sanjay Kumar Singh Ms. Bharti	5	14,500/-	14.500/-

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7.	B.Voc, Hindi, Journalism, 07/2021	7/10/2021	ICT Training Project	2021-22	Dr. Pankaj Kumar, Dr. Sanjay Kumar Singh, Dr. Manisha Tomar,	3	10,000/-	Project withdrawn
8.	Physical Education, Journalism Hindi, Journalism, 08/20 21	7/10/2021	Impact of Sports- based Hindi Films on Young Women Athletes	2021-22	Dr. Sunita Sharma, Dr. Ezra John	6	10,000/-	10,000/-
9.	Physics, Computer Science, 09/2021	7/9/2021	"Study of Scientific Implementation in Python"	2020-21	Dr. Pushpa Bindal, Dr. Triranjita Srivastava, Ms. Arokia Ramya Terrance	7	10,000/-	10,000/-
10.	History, Mathematics, Physics, 10/2021	7/7/2021	"History of Indian Monuments and Scientific Architecture"	2020-21	Dr. Punita Verma, Dr. Rini Pundir, Dr. Prempal Singh	20	16,000/-	16,000/-
11.	Physics, Music, 11/2021	7/2/2021	Recording with influx of Sound dynamics: A novel perspective from Music and Physics	2021-22	Dr. Renu Gupta, Dr. Seema Gupta, Prof. Rachna Kumar, Ms Anuradha Kotiyal, Mr. Ankur Anand	12	22,000/-	22,000/-

SCIENCE

S.NO.	DISCIPLINE / DEPARTMENT (S)	Date of Application	TOPIC	PI(S)	STUDENT S	BUDGET ESTIMAT ES	ALLOCA TED AMOUNT
1	EVS, 12/2021	11.7.2021	Ecological consequences and perception of local community to non-native plant invasion	Dr. Mayank Krishna		40000	40,000/-
2	Mathematics 13/2021	1.5.2021	"Mathematical Modelling of COVID- 19 Spreading with Asymptomatic Infected and Interacting Peoples in India: Future behaviour and Sensitivity Analysis."	Dr. Prempal Singh	11	9000	9000/-
3	Botany, 14/2021	10.7.2021	Embryo Suspensor Types in Selected Members of Leguminosae	Dr. Sudesh Bhardwaj Dr. Pratibha Thakur		15500	7700/-
4	Comp. Sc., 15/2021	9.7.2021	Comparative Study of Machine Learning Algorithms	Mrs. Arokia R. Terrance Mrs Kanishka	5	20000	20,000/-
5	Zoology 16/2021	30.4.2021	Assessment of cancer prevalence in Indian population and understanding the presence and possible effect of bisphenol A in our daily life and its role as a potential carcinogen	Dr. Shanuja Beri, Dr. Priya Singh, Dr. Janhawi Ojha, Dr. Aakansha Sharma, Dr Neha Dhingra, Dr. Rani Kumari	16	30,000	27,000/-

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6	Botany 17/2021	10.7.2021	Assessment of Microalgae and Aquatic flora in degrading aquatic ecosystem of Prasad Nagar Lake	Dr. M. Arunjit Singh, Dr. Priyanka Verma, Dr. Sanavar Soham, Dr. Kalpana Kumari	5	20000	10,000/-
7	Maths 18/2021	7.7.2021	MARKETING RESEARCH & MANAGEMENT	Dr. Inder pal Singh Mr. Sanjay Kumar	10	9500	9500/-
8	Physics 19/2021	30.4.2021	"Science in everyday life around us."	Dr. Punita Verma	15	10000	6300/-
9	Comp.Sc. 20/2021	29.6.2021	Application of Machine Learning on COVID-19 Data	Dr. Vandana Gupta, Dr. Sapna Varshney, Ms. Neha	5	15000	15,000/-
10	Physics, 21/2021	3.2021	Simulation and Modeling of Adsorption Kinetics of Single Walled Carbon Nano Tubes for sensing environmentally hazardous gases	Dr. Rachna Kumar, Dr. Seema Gupta, Mr. Ankur	6	12000	7500/-
11	Physics22/2021	7.7.2021	Solar Energy Harvesting using Ferroelectric thin films	Dr. Sudha Gulati Dr. Savita Sharma	6	15000	9400/-
12	Physics 23/2021	9.7.2021	Study of Numerical Methods for Computational Physics	Dr. Pushpa Bindal Dr. Triranjita	5	10000	6300/-
13	Botany 24/2021	10.7.2021	Biochemical Analysis of leaf/seed extracts of leguminous plants/trees in the college/campus premises	Dr. Divya Verma Dr. Pawan		20000	20,000/-
14	Chemistry 25/2021	10.7.2021	In-Silico Anti-Viral Study of Flavonoid Derivatives and Green Synthesis of Potential Binder"	Dr. Shilpika Bali Mehta, Dr. Swati Aggarwal, Dr. Nishant Verma, Dr. Upasana Issar	5	15000	15,000/-
15	Chemistry 26/2021	15.3.2021	Synthesis of Nanomaterial for Removal of Heavy Metal Ions from Wastewater	Dr. Aprajita Gaur Dr. Rajesh Kumar Meena	6	20000	20,000/-
16	Chemistry 27/2021	13.7.2021	SYNTHESIS AND CHARACTERIZATION OF SEMI PERMEABLE GRAPHENE OXIDE MEMBRANE FOR WATER DESALINATION APPLICATION	Dr. Renu Bala Dr. Meenakshi Verma	5	15000	15000/-
17	Zoology 26/2018_49/2021	Research Projects of 2018-19 Extended for 2019-20	An Educational Exposition of Bottle Vertical Garden System	Dr K. Vandana Rani, Dr Shanuja Beri			20,000/- budget from 2018-19, 2019-20

SOCIAL SCIENCES

Social Sciences							
S.NO.	DISCIPLINE / DEPARTMENT(S)	Date of Application	TOPIC	PI(S)	STUDENTS	BUDGET ESTIMATES	ALLOTTED AMOUNT
1.	HINDI 28/2021	10.7.2021	वर्तमान परिपेक्ष्य में धृव स्वामिनी और स्त्री अस्मिता	Dr.Manju Sharma Dr. Mamta Chaurasiya	7	RS.8000/	8000/-

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2.	हिंदी 29/2021	10.7.2021	धेरी गाथा मे स्त्री संघर्ष और अभिव्यक्ति का आधुनिक संदर्भ	विभा ठाकुर		RS.4000/-	4000/-
3.	JOURNALISM 30/2021	10.7.2021	Children's TV and Screen Dependency Amongst Children	Dr. Meena Charanda, Dr. Ezra John, Ms. Mamta, Dr. Ritika Pant,	5	RS.10,000/-	10,000/-
4.	HINDI Journalism 31/2021	10.7.2021	हिन्दी सिनेमा में स्त्री सशक्तिरण: 21वीं शताब्दी के संदर्भ में	Dr.Manju Sharma Dr. Suresh Chand Meena Mr. Gaurav Kumar	5	RS.8000/-	8000/-
5.	JOURNALISM 32/2021	10.7.2021	'Family Photographs: A kaleidoscope of collective and selective memories'.	Dr. Ezra John, ASSISTANT PROFESSOR	5	RS.6000/-	6000/-
6.	Physical Education 33/2021	10.7.2021	Role of Yoga for Improving Health During Covid-19	Dr Sunita Sharma	6	Rs. 1000/-	1000/-
7.	GEOGRAPHY 34/2021	13.7.2021	Disaster management Plan and Capacity Building of Kalindi College, University of Delhi	1.Dr. Seema Sahdev 2.Dr. Usha Pathak 3.Dr. Shashi Bhushan 4. Ms. Geeta Kumari 5.Dr. Jitendra 6.Ms. Madhuri 7. Mr. Akhilesh Mishra 8.Ms. Shalini Shikha	7	RS.25,000/-	25,000/-
8.	HINDI, 35/2021	9.7.2021	'चाँद पत्रिका' (1927) 'अछूत- विशेषांक वर्तमान संदर्भ में	डॉ.रक्षा गीता,	4	RS.5000/-	5000/-
9.	POLITICAL SCIENCE 36/2021	15.7.2021	Empowering Dalit Women: A Study of Local Politics	Dr. Seema Mathur, Dr. Meena Charanda	9	Rs. 37,000/-	37,000/-
10.	SANSKRIT, 37/2021	26.7.2021	वैदिक वांगमय में प्रतिपादित सम्बद्ध शुद्ध वायु संरक्षण, जल संरक्षण एवं ऊर्जा संरक्षण का समीक्षात्मक अध्ययन (Critical study of environment related pure air conservation, water conservation and energy conservation as propounded in Vedic literature)	Dr. Shiv Kumar,	10	RS.5000/-	5000/-
11.	Sanskrit 38/2021	26.7.2021	Modern Sanskrit literature आधुनिक संस्कृत साहित्यों के महानायकों पर रचित संस्कृत महाकाव्यों में राष्ट्रीय चेतना।	Dr. Harvinder Kaur Dr. Shashi Bala	10	Rs.5000/-	5000/-
12.	HISTORY 39/2021	10.7.2021	British India's Policy towards Himalaya Region; A Case Study of Tibet	DR GARIMA PRAKASH DR RAM SARIK GUPTA	6	RS.15,000/-	15,000
13.	POLITICAL SCIENCE 40/2021	9.7.2021	GLOCALIZATION: ATMANIRBHAR BHARAT	DR MANIILA NARZARY	7	RS.10,000/-	10,000

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14.	HISTORY, 41/2021	9.7.2021	Slave Trade and Early Modern Europe	Dr. Tsering Punchok	17	RS.11,500/-	11,500/-
15.	HISTORY 42/2021	9.7.2021	The Cult of Jagannatha and Ratha Yatra : The Contextualization of Autochthonous Identities in Early Medieval Orissa	DR RINI PUNDIR DR ADITI CHAWDHURY DR OM PRAKASH	7	RS.12,000/-	12,000/-
16.	ECONOMICS 43/2021	9.7.2021	Employment Generation in Indian Manufacturing Sector	Mr. Rohit Kumar, MS.MADHURI SINGH	9	RS.3000/-	3000/-
17.	ENGLISH 44/2021	9.7.2021	Inhabitation of Gen Z in Social Media: Understanding its Impact on Self and its Relation with Body and Real- World Relationships.	MS.SHAMA JAN MS. SHIPRA GUPTA	9	RS.5000/-	5000/-
18.	POLITICAL SCIENCE 45/2021	7.7.2021	IMPACT OF COVID-19 AND LOCKDOWN ON WOMEN OF DELHI, UTTARAKHAND, JHARKHAND AND BIHAR	Dr. Rakhee Chauhan	5	RS.10,000/	10,000/-
19.	ECONOMICS46 /2021	7.7.2021	THE GREEN CONSUMPTION EFFECT ON THEECONOMY	MS.SHALINI AGARWAL	6	RS.10,000/-	10,000/-
20.	ECONOMICS, 47/2021	5.7.2021	Evaluating Nudge theory : A systematic review of the nudge literature and an examination of its applications across different domains	Dr. Indu Choudhary Ms. Pummy Yadav	9	RS.5000/	5000/-
21.	ECONOMICS 48/2021	6.7.2021	"Lipstick Effect: Consumer Trends in India During Pandemic"	MS ANITA	6	RS.10,000/-	10,000/-

Principal – Investigators are requested to proceed further in this regard and required to submit the utilization certificate for the same by the end of the financial year 2021-2022.

Copy to:- Accounts for necessary action to be taken at their end

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