

## ACHARYA NARENDRA DEV COLLEGE (UNIVERSITY OF DELHI), KALKAJI, GOVINDPURI, NEW DELHI- 110019

## **INNOVATIVE PRACTICES UNDER THE AEGIS OF DBT-STAR COLLEGE SCHEME**



SCIENCE Dr Harita Ahuja Dr Geema Gupta					<b>35</b> Instruments Purchased			<ul> <li>Biological nutrient removal (BNR) of waste water pollutants using Micro Organisms.</li> <li>Application of magnetic chitin composites for the removal of Toxic Metal and Organic Dyes From Industrial Effluents</li> <li>Study and extraction of medicinally important plant S. chirata &amp; examination of chemical adulteration in food items</li> </ul>				<ul> <li>To design a RC Phase Shift Oscillator using op-amp for a given specification</li> <li>To determine the complex dielectric constant and plasma frequency of metal and refractive index of a dielectric layer using Surface Plasmon resonance (SPR) technique</li> <li>Holography Technique</li> </ul>		
EMINENT SPEAKERS INVITED BY DIFFERENT PARTICIPATING DEPARTMENTS								Faculty Trained For Skill Development						
BIOMEDICAL SCIEN	ICE	<b>.</b>		ELECTRONICS										
Mame Mr. J. K. Semwal	Course Director,	LNJN-NICFS, Ministry	Document verification	Name Mr. Sourabh Basu	Designation Scientist/ Engineer 'SE'	Host Institute ISRO Satellite Centre, Bangalor	e A preface in to wireless			Dr Sunita Hooda		Dr Amit Corg		Dr Sarita Kumar
Mr V N Sehgal	Documents Division Former Director	of Home Affairs, GoI CFSL_CBI	Post-mortem and Death			& Joint Deputy Director, NTRO New Delhi	, communication and electronic war	Dr Urmi Bajpai	Dr Anita Narang	Dr Seema Gupta		Dr Annt Garg Dr Aniu Agrawa	Dr Sanjeeta Rani	Dr Monisha Khanna
Dr. Aniu Cunta	HOD Dopt of Surgar	A abarya Shraa Philaby	Investigation	Mr. Robit Gambhir	Lead in Mobile Application	OA Infotech	Current trends in mobile	Dr Sunita Jetly Dr Gagan Dhawan	Dr Geetika Kalra	Dr Pooja Bhagat	Dr Harita Ahu	ja Dr Udaibir Sing	h Dr Manisha Verma	Dr Ravi Toteja
Di. Anju Gupta	HOD, Dept. of Surgery	Hospital, GNCTD	and self-assessment		Development QA Infotech		application and development	Dr Rajesh Chaudhary	Dr Yasheshwar Dr Vash Mangla	Dr Manisha Jain	Dr Chandra Ka Dr Preeti Marw	Dr Ravneet Kau	r Dr Arijit Chowdhuri	Dr Seema Maknija Mr. Ravinder Sagar
Dr. Sushma Sinha	MBBS, MD	Acharya Shree Bhikshu Hospital, GNCTD	1 Cervical Cancer: Are you Secure?	Ms. Anju Kumari	Founder	Crafting Leaders	attitude	Dr Abhishek Mehta	Dr Vineet Singh	Dr Geetu Gambhir		Mr Vishal Dhing Ms. Gauri Gha	Dr V. Bhasker Raj	Dr Aparna Sharma
Dr. Abhishek Shankar	Assistant Professor	Department of Preventive Oncology, AIIMS	Ingenuity in Cancer	Prof. Mridula Gupta	Professor	Department of Electronics, University of Delhi, South	Satellite communication	Dr Namita Singh		Dr Pankaj Khanna Dr Dinesh Arya		Dr Monika	Dr Rohtash	Dr Sweety Shrimali Ms. Sneh Sagar
Dr Anurag Agrawal	Director	IGIB, CSIR	Demystifying myths surrounding human	PHYSICS		Campus								
Prof Rajiy Japardhanar	Director	Amity Institute of Publ	health	Dr. Soumya Mitra	Senior Scientist II	Pathology & Imaging Group, Department of Immunology	Applications of biomedical imaging in drug discovery and treatment							
	Director	Health	potential for health care			Pharmacology, Abbvie	monitoring	10	15	(22)		10		17
Professor Priya Ranjan	Professor	Amity School of Engineering &	delivery E- health			Massachusetts, USA	-		15		4	12		
Dr. Surender Nimesh	UGC-Assistant Profess	Technology, Noida	Silver nanonarticles.	Dr. David Kocman	Head of Research Group, Department of Informatics	Jozef Stefan Institute, Ljubljana, Slovenia	Ambient Air Pollution (AAP) and							
Di. Surender Winesh	000-7435istant 110105	Biotechnology, Central	biosynthesis and				Hg contamination	BIOMEDICAL	BOTANY	CHEMISTRY	COMPUTER	ELECTRONIC	S PHYSICS	ZOOLOGY
BOTANY	- 1			Prof. Vinay Gupta	Dean, Examinations & Professo	r Department of Physics &	Functional materials for device	SCIENCE			SCIENCE			
Dr. CR Babu	Professor	University of Delhi	Environment, ecology, ecosystem and			Astrophysics, University of Dell India	ii, applications							
Dr. Shailja Singh	Associate Professor	Jawahar Lal Nehru	ecological restoration Wonderful world of	Dr. Amit Garg	Associate Professor	Department of Electronics ANDC University of Delhi Ind	Arduino Microcontrollers: Basic			_				
Dr. Rajesh Tandon	Professor	University University of Delhi	Microbes Wonders of pollination	Prof. Hark Hoe Tan	Professor	Department of Electronic	Nanotechnology- application in	Faculty Achie				vements		
Dr. Pawan K. Dhar	Professor	Jawahar Lal Nehru	at work 			Materials Engineering, Research	n octo-electronics and renewable							
Dr. Subbarao Natesh	Professor	University IIT DEL HI	The plants that change			Engineering, Australian Nationa	l							
Dr. Bradeen Kr	Senior Scientist	CDPL Lucknow	the India and the World Biopics $\mathcal{X}$			University, Canberra, Australia			Research Pa	pers in Refere	eed	Faculty	as Editors or	
Srivastava	Senior Scientist	CDIG, Luckilow	Bioengineering: learning	Mr. Sujit Kumar	Visiting Scholar	National Device Laboratory,	Molydenum disulphide MOS2 a	72	Ιc	urnale		D		08
Dr. Rita Singh	Professor	IP University	Biodiversity and the		C	Taiwan and Taiwan Semiconductor Manufacturing	promising 2D material		JU	ulliais		K	eviewers	
Dr. Suman Kundu	Professor	University of Delhi	need for its conservation Interesting aspect of	1		Company (TSMC)								
Dr S B Babbar	Professor	University of Delhi	research in hemoglobin DNA bar coding	Ms. Phalguni Mathur	Research Scholar and Specialist in Microwave Electronics and	Department of Physics, Bharatia University, Coimbatore, Tamil	r Multiple-input and multiple-output (MIMO) antennas for 5G and							
Dr. Ganesh Bagler	Assistant Professor	IIIT Delhi	Computational		RADAR Systems	Nadu, India	internet of things		Dublications as Conference					
CHEMISTRY			gastronomy	ZOOLOGY	Developtist	Wallpage Hagpital Dalhi	A puriety of workplace	20	Publications as Conference			Teachers as Recognized 1		
Dr. Tariq Ashraf	Deputy Librarian	South Campus, University of Delhi		Mr. R. Saha	Advisor CII & Former Director	CII	IPR issues	20	Proceedings					14
Dr. Rita Singh	Professor	Department of Zoology University of Delhi	v, Ethical issues in research	h Dr. Debiani De	PFC, TIFAC, DST Principal Scientist, Division of	IARI, Pusa, Delhi	Social insects		Ŭ			Su	pervisors	
Dr. Mrutyunjay Suar	Director	School of	Medical Microbiology		Entomology									
	a : 14	University, Odisha		Ms. Amanpreet Kaur	Project Assistant under IPR Cha	ir University of Delhi.	IPR issues							
Dr. Sanjeev Kumar Sharma	Senior Manager	Generics Limited	hazardous chemicals	Dr. Rita Singh	Professor	Department of Zoology,	Ethical issues in research		Roole (Roole Chanton /E					
Dr. Vijay Pal Singh	Deputy Director	Food Safety and Standards Authority of	Ethical use of animals in research	n Dr. Mrutyunjay Suar	Director	University of Delhi School of Biotechnology, KIIT	Medical Microbiology	38	DOOKS/ DOO			Award	s and Honors	00
Dr. Rup Lal	Professor	India (FSSAI) Department of Zoology	Management of research	Dr. Sanjeov Kumar Charma	Senior Manager	University, Odisha Health & Safety, Jubilent	Safety measures with hazardous	50	content & Ch	apters Publis	hed			
Dr. Gagan Dhawan	Assistant Professor	University of Delhi	laboratory			Generics Limited	chemicals							
Di. Gagan Dhawan	Assistant Professor	Delhi		Dr. Vijay Pal Singh	Deputy Director	Food Safety and Standards Authority of India (FSSAI)	Ethical use of animals in research							
Dr. Sanjukta Subudhi Dr. Kamal Gupta	Scientist Associate Professor	TERI Deshbandhu College,	Energy from wastes Safety regulations	Dr. Rup Lal	Professor	Department of Zoology, University of Delhi	Management of research laboratory						FEMA CUDTA	Service of the
COMPUTER SCIENC	TE	University of Delhi		Dr. Gagan Dhawan	Assistant Professor	ANDC, University of Delhi	Safety in a science lab	p.m.	DR URMI BAJ				et Collogo I octurer Arr	and has
Dr. A.K. Mohapatra	Associate Professor	Indira Ghandhi Delhi Technical University fo	Ethical hacking	Dr. Sanjukta Subudhi	Scientist	TERI	Energy from wastes		Awarded Ind	an Excellence	Award for		ectorate of Higher Edu	and by
Dr. Casta Bhatt	Associata Drafassor	Women (IGDTUW)	E wasta a shallanaa af	Dr. Kamal Gupta	Associate Professor	of Delhi	Safety regulations		A cadamy (INS	$race$ teacher in $rac{1}{2}$	service in		Govt of NCT	
DI. Occia Difall	1 15500 and 1 10105501	Instrumentation, Bhaskaracharya Colleg	entation, 21 <sup>st</sup> century acharya College	Dr. Shailja Singh	h Associate Professor,	Special Center for Molecular Medicine, Jawaharlal Nehru University	Contemporary approaches in antimalarial drug discovery		Teacher Award	2018 De	lhi		DR SEEMA M	LAKHIJA
		or Applied Sciences, University of Delhi		Dr. Kamaraju Raghavendra	Deputy Director	National Institute of Malaria	Malarial elimination in India: Role	Sector Sector	DR MAMTA BI	ΙΑΤΙΑ		DR	CHARU KHOSLA G	UPTA
Mr. Lalit Mathur Dr. Vasudha Bhatnagar	Director Professor	DCIRRUS Department of Comput	Cloud computing ter Technical talk on Turing	Me Wilson Contractor	Technical Office	Research, Dwarka	or vector control	06	Fulbright Nebr	LA cademic and Dr	ofessional			
		Science, University of Delhi	test to deep learning	IVII VIKAS SACIICIEV	recumcal Officer	Sciences	diagnostic tool		Excellence Aw	ard by US-India Ed	ucational		Selected for INSA bilat	teral exchange
Mr. Lovetesh	Academy Member	ICT Academy Member	Cloud literacy	Dr Utkarsh Sood	Director	PhiXGen Pvt. Ltd	Introduction to Bioinformatics & computational biology			Foundation			programme 2	2019
ivit. sitender Sillgit	Engineer	Casut	Unaus engineering	Dr Vipin Gupta	Director	PhiXGen Pvt. Ltd	Metagenomic analysis							





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To design a RC Phase Shift Oscillator using op-amp for a given







