

# RKDF University, Bhopal

## Faculty Profile

### Basic Information



<b>Name</b>	<b>Dr AMITESH KUMAR PAUL</b>
<b>Date of Birth</b>	<b>12/01/1980</b>
<b>Designation</b>	<b>Associate Professor</b>
<b>Department</b>	<b>Institute of Polytechnic</b>
<b>Experience</b>	<b>18 YEARS</b>
<b>Email ID</b>	<b>amitesh_paul@rediffmail.com</b>
<b>Contact No</b>	<b>8251004715</b>

### Educational Qualifications

<b>Description</b>	<b>Year</b>	<b>%</b>	<b>Institute/University</b>
<b>(UG)- B.E.</b>	2003	63.69	<b>Rajiv Gandhi Prodyogiki Vishwavidyalaya, Bhopal (M.P.)</b>
<b>(PG)- M. Tech. (Mechanical Engineering)</b>	2006	76.2	<b>MANIT, Bhopal (M.P.)</b>
<b>M. Phil.</b>	-	-	-
<b>(Ph. D.)- Mechanical Engineering</b>	2022	Awarded	<b>Rajiv Gandhi Prodyogiki Vishwavidyalaya, Bhopal (M.P.)</b>
<b>Post Doctorate</b>	-	-	
<b>NET Qualified/GATE</b>	-	-	

### Experience Detail

<b>Experience (Teaching/Research )</b>	<b>Designation</b>	<b>Duration</b>		<b>Name of Institute/University</b>
		<b>From</b>	<b>To</b>	
<b>Teaching</b>	Assistant Professor (Contractual)	24.07.2006	31.07.2008	<b>MANIT, Bhopal (M.P.)</b>
<b>Teaching</b>	Assistant Professor	04.03.2008	24.03.2013	<b>SSSIST SEHORE, Bhopal (M.P.)</b>
<b>Teaching and</b>	Assistant	24.08.2013	31.12.2021	<b>RKDF UNIVERSITY,</b>

<b>Research</b>	Professor			<b>Bhopal (M.P.)</b>
<b>Teaching and Research</b>	Associate Professor	08.04.2022	Till date	<b>RKDF UNIVERSITY, Bhopal (M.P.)</b>

### Publications

<b>No. of Papers Published</b>	<b>40</b>
<b>No.ofBooks Published</b>	<b>-</b>
<b>Books Chapters Published</b>	<b>-</b>
<b>No. of Patents Published/Grant</b>	<b>-</b>

### Ph. D/M. Phil Project supervised

<b>Research Program</b>	<b>Award</b>	<b>Under Supervision</b>	<b>Nameof University</b>
<b>Ph.D (Provide detail i.e. name, title etc)</b>	-	03	RKDF UNIVERSITY, BHOPAL (M.P.)
<b>M.Phil</b>	-	-	
<b>PG Thesis/Dissertation</b>	22		RGPV UNIVERSITY, BHOPAL (M.P.) & RKDF UNIVERSITY, BHOPAL (M.P.)

### Area of Expertise (100 words)

Heat and Mass Transfer, Fluid Mechanics and Fluid Machinery, Internal Combustion Engines, Energy Conversion Systems, Solar and Wind Energy, Strength of Material, Waste Heat Recovery system, Automobile Air Conditioning system. Automobile Engineering, Engineering Drawing

### Awardand Achievement

<b>Nameof Award</b>	<b>Description</b>
<b>National</b>	-
<b>International</b>	-

### Conference/Seminar/Workshops/FDP

<b>Description</b>	<b>No.</b>
<b>Conference/Seminar p a p e r presentation</b>	<b>05</b>
<b>Conference/Seminarattended/ organized</b>	<b>NA</b>
<b>Workshopattended/organized</b>	<b>03</b>
<b>FDPAttended/organized</b>	

## ResearchProject

Name of Project	FundingAgencies	Amount
MODROB	AICTE	1000000

- Any other Achievement

### List of Publications

S. NO	Title of paper	Name of the authors	ISSN number	Name of journal	Year of publication	Issue
1	EXPERIMENTAL STUDIES ONEMISSION AND PERFORMANCE OF C.I. ENGINEWITH BIODIESEL AND ITS BLENDS	JAYSUKH GHETIYA, AMITESH PAUL, DR. G.R SELOKAR	2250-3005	IJCER	2012	IJCER/JAN - FEB 2012/VOL.2/ISSUE NO.1/107-114
2	EXPERIMENTAL STUDIES OFWASTE HEAT RECOVERY TECHNIQUE TO INCREASE EFFICENCY AND TO DECRSE HAZARDOUD EMISSIONS IN C ENGINE	JANAK RATHAVI ,AMITESH PAUL, DR. G. R SELOKAR	204-213	IJCER	2012	IJCER/JAN - FEB 2012/VOL.2/ISSUE NO.1/204-213
3	THERMAL ANALYSIS OFTUBULAR HEAT EXCHANGER BY USING ANSYS	PARESH PATEL, AMITESH PAUL,	2278-0181	IJERT	2012	IJERT/OCT-2012- ISSN:2278-0181/VOL.1
4	EXTRACTION OF EXERGY FROM TAXTILE WASTE AND GLOSSY PAPER	SANJAY KAILA ,AMITESH PAUL, G.R SELOKAR	47-52	IJMEMS	2012	IJMEMS/JAN2 012PP. 47-52
5	OPTIMIZATION AND DESIGNOF HEAT EXCHANGER WITH DIFFERENT MATERALS	VEKARIYAMUKES H V ,AMITESH PAUL, G. R SELOKAR	37-42	IJMEMS	2012	IJMEMS/JUNE 2012 PP. 37-42
6	NUMERICAL SIMULATION OFTWO STAGE CASCADE REFRIGERTION SYSTEM REFRIGERANT R12- R170, R 502- R 1150 AND R 717- R 1270	ASHUTOSH VERMA, AMITESH PAUL, PRAKASH GAWALI	2249-3905	IJREAS	2012	IJREAS VOLUME 2, ISSUE 2 FEB2012 / 2249-3905

7	OPTIMAZATION IN THERMALDESIGH OF SURFACE CONDENSER BY CHANGING TUBE MATERIAL	AMITESH PAUL,MEHTA VIJAY	0277-2830	JME	2012	JME/ SEPTEMBER. 2012 VOL 7 ISSUE .3 PP 277-283
8	OPRIMIZATION IN AREA BYCHANGING NUMBER OF PASSAGE IN SHELL OF SURFACE CONDENSER	MEHTA VIJAY, AMITESH PAUL	2278-0181	IJERT	2012	IJERT/ ISSN 2278/0181 VOL 1 ISSUE JULY 2012
9	EFFECT OF HIGH SPEED DRAWING ON PROPERTIES OF HIGH CARBON STEELWIRES	PRAKASH GAWAL I, AMITESH PAUL, G.R SELOKAR	2249-6645	IJMER	2012	IJMER VOL .2 ISSUE 2. MAR APR2012 PP 209-214
10	EXPERIMENTAL INVESTIGATION OF PERFORMANCE & EMISSION CHARACTERISTICS OF DIESEL ENGINE WORKING ON DIESEL AND NOMW WITH ETHANOL AND TRIACETINBLENDS	VIVEK PATHAK , AMITESH PAUL	2249-6645	IJMER	2013	IJMER- VOL . ISSUE 5 SEP OCT2013 PP 2792-2796
11	CONSTRUCTION AND TESTING OF EVAPORATIVE COOLING BARN FOR STORING POTAROES	PRASENJEET MUKHERJEE	2278-0181	IJERT	2013	IJERT ISSN 2278-0181 VOL 2 ISSUE SEP 2013
12	FEASIBILITY TESTING OF VCR ENGING USING VARIOUS BLEND OF NEEM OIL	YOGESH TAMBOLI, AMITESH PAUL, DR. G SELOKAR ,JEHAN ZALA	2319-1058	IJJET	2013	IJJET/ VOL.2 ISSUE3 JUNE 2013ISSN 2319-1058
13	CFD BASED PERFORMANCE ANALYSIS OF ARTIFICIALLY ROUGHENED SOLAR AIR HEATER	ARUN KUMAR YADAV ,AMITESH PAUL, G .S SELOKAR	2279-0055	IJETCAS	2013	IJETCAS/ 2013 ISSN (PRINT)2279-0047 ISSN (ONLINE)2279-0055
14	CFD INVESTIGATION OF FLOW THROUGH AN ARTIFICIALLY ROUGHENED SOLAR AIR HEATER	ARUN KUMAR YADAV ,AMITESH PAUL,PRASHANT SHARMA	2219-6327	CJSAT	2013	CJSAT/ ISSN 2319-6327(ONLINE) VOL 2 NO III (2013) PP. 16-19
15	PERFORMANCE ANALYSIS OF AIR CURTAIN: A REVIEW OF CFD APPROACH	AMITESH PAUL/A.C.TIWARI	2319-6327	Ccorona journal of science and technology	2014	corona publication vol3,No.1

16	PERFORMANCE ANALYSIS OF VAPOUR COMPRESSION REFRIGERATION SYSTEM UTILIZING DIFFERENT REFRIGERANT	ASHISH PATIDAR ,AMITESH PAUL,	2277-9655	IJESRT	2014	IJESRT/JULY.2014 2277-9655
17	APPLICATION OF NANOFIUDS FOR HEAT TRANSFER ENHANCEMENT IN HEAT EXCHNAGERS - A REVIEW	DHIRAJ TIWARI ,AMITESH PAUL,	ISSUE:03	IJIMIINDS	2015	IJIMIINDS/ VILUME:02. ISSUE 03
18	EXPERIMENTAL STUDY ON HEAT TRANSFER ENHACEMANT BY USING WATER - ALUMINA NANOFLUID IN A HEAT EXCHANGER	DHIRAJ TIWARI ,AMITESH PAUL,	ISSN- 2319- 8354(E)	IJARSE	2015	IJARSE VOL NO 4 ISSUE2015 ISSN- 02319-8354 (E)
19	AN OVERVIEW OF VORTEX TUBE ON CFD WITH STRAIGHT AND HELICAL NOZZLE	PRABHAT KAUSHAL / SOHAIL BUX / SUMAN KUMAR , AMITESH PAUL	ISSN 2321-0613	IJSRD	2016	IJSRD VOL. 4 ISSUE 03 2016 ISSN 2321-0613
20	EXPERIMENTAL ANALYSIS OF COMPARATIVE PERFORMANCE ON OPERATING DIESEL ENGINE WITH MULTI-CYLINDER SYSTEM USING ALTERNATIVE FUEL SUCH AS METHANOL ,PETROL AND KARANJA OIL BLENDS";.....A REVIEW	SUBHRA KANTI BATABYAL ,AMITESH PAUL,	2455-5703	GRD JOURNALS	2017	GRD JOURNALS- GLOBAL RESEARCH AND DEVELOPMENT JOURNAL FOR ENGINEERING VOLUME 2 ISSUE 11 OCTOBER 2017 ISSN:5703
21	EXPERIMENTAL ANALYSIS OF COMPARATIVE [ERFORMANCE ON POERATING DIESEL ENGINE WITH MULTI - CYLINDER SYSTEM USING ALTERNATIVE FULE SUCH AS METHANOL PETROL AND KARANJA OIL BLENDS	SUBHRA KANTI BATABYAL / SOHAIL BUX	ISSN 2321-0613	IJSRD	2017	IJSRD VOL. 4 ISSUE 09 2017 / ISSN (ONLINE) : 2321-0613
22	EXAMINE AND ENHANCEMENT OF COEFFICIENT OF PERFORMANCE IN VAPOR COMPERSSION REFRIGERATION CYCLE	MANJEET KHARE/ SOHAIL BUX	ISSN NO :2319-9725	IJIRS	2018	IJRS VOLUME 8 ISSUE IV / APRIL 2018
23	SIMULATION OF THE AIR CURTAIN BY USING ARTIFICIAL NEUEAL NETWORK	BRAJESH URMALIYA ,AMITESH PAUL,	ISSN NO .2394-9007	IJRT	2018	IJRT VOL V NO 1 2018 ISSN NO 2394- 9007

24	AIR CURTAIN PERFORMANCE STUDY FOR THE REFRIGERATION SECTOR: A REVIEW	BRAJESH URMALIYA ,AMITESH PAUL,	ISSN NO 2395-4523	IJCAER	2018	IJCAER VOL V NO 2018 ISSN NO 2395-4523
25	OPTIMIZATION OF PROCESS PARAMETERS FOR L.D.P.E. MATERIAL IN INJECTION MOULDING USING TAGUCHI METHODOLOGY	MOHAMMAD MASHUK / VISHAL KUMAR JAISWAL ,AMITESH PAUL,	2349-6002	IJIRT	2018	JULY 2018 /IJIRT/VOLUME 5 ISSUE 2/ISSN:2349-6002
26	EXAMINE AND ENHANCEMENT OF COEFFICIENT OF PERFORMANCE IN VAPOR COMPRESSION REFRIGERATION CYCLE	MANJIT KHARE ,SOHAIL BUX ,AMITESH PAUL,	2319-9725	IJIRS	2018	IJIRS VOLUME 5, ISSUE ,10 OCTOBER 2018
27	AN ASSESSMENT OVER PREVENTIVE MAINTENANCE AND BREAKDOWN REDUCTION OF CRITICAL MACHINE	AMIT KUAMAR SINGH ,AMITESH PAUL,	2348-9006	IJTRM	2018	IJTRM ISSN (ONLINE):2348-9006
28	A REVIEW OVER HYDRO PNEUMATIC PRESSURE CONTROL MECHANISM FOR HYDRAULIC PRESSURE .	VIVEK KUMAR ,AMITESH PAUL,	2348-9006	IJTRM OCTOBER 2018	2018	IJTRM ISSN (ONLINE):2348-9006
29	A REVIEW ANALYSIS OF ANALYSIS OF WATER BOTLE PRODUCTION	BRIJ BHUSHAN ,AMITESH PAUL,	2348-9006	IJTRAM	2018	IJTRM ISSN (ONLINE)
30	LITERATURE REVIEW ON ELECTRICAL DISCHARGE MACHINING (EDM)	VISHAL KUMAR JAISWAL ,AMITESH PAUL	2321-0613	IJSRD	2018	IJSRD / VOL.6 ISSUE 05 2018 /ISSN (ONLINE):2321-0613
31	EXPERIMENTAL INVESTIGATION OF PROCESS PARAMETERS ON INCONEL 925 FOR EDM PROCESS BY USING TAGUCHI METHOD	VISHAL KUMAR JAISWAL ,AMITESH PAUL,VIKASH YADAV,VIJAY SINGH	2321-0613	IJSRD	2018	IJSRD/VOL.6 ISSUE 05 /2018/ISSN(ONLINE ): 2321-0613
32	INVESTING ON CRITICAL CRECK MODULATION OF SIMPLY SUPPORTED SHAFT FOR DETERMINATION OF CRITICAL SPEED BY USING FINITE ELEMENT METHOD	VISHAL KUMAR JAISWAL ,AMITESH PAUL,VIKASH YADAV,AKANKSH A YADAV	2321-0613	IJSRD	2018	IJSRD/VOL.6 ISSUE 05 /2018/ISSN(ONLINE ): 2321-0613
33	PREDICTION OF CRITICAL SPEED ON MULTI CREACK CONDITION IN DIFFERENT SHAFT A REVIEW	VIKASH YADAV /VISHAL KUMAR JAISWAL /AKANKSHA YADAV	2321-0613	IJSRD	2018	IJSRD/VOL.6 ISSUE 05 /2018/ISSN(ONLINE ): 2321-0613
34	EXAMINEVAPOUR COMPRESSION REFRIGERATION CYCLE AND ENHANCEMENT IN COEFFICIENT OF PERFORMANCE IN VCRS	MANJIT KHARE ,SOHAIL BUX ,AMITESH PAUL	E 2393-9877,2394-2444	IJAREST	2018	IJAREST E- 2393-9877,P-2394-2444/ VOLUME 5 ISSUE 3 MARCH -2018

35	EXAMINE AND ENHANCEMENT OF COEFFICIENT OF PERORMANCE IN VAPOR COMPRESSION REFRIGERATION CYCLE	MANJIT KHARE , ,AMITESH PAUL,SOHAILBUX	2319-9725	IJRS	2018	IJRS/VOLUME 8 ISSUE IV APRIL/2018 /ISSNNO. 2319-9725
36	EFFECT OF AIR JET VELOCITY AND ANGLE ON THE PERFORMANCE OF AIRCURTAIN AT DIFFERENT PRESSURE DIFFERENCE CONDITIONS	AMITESH PAUL/A.C.TIWARI	2349-5162	JETIR	2019	JETIR APRIL 2019,VOL 6, ISSUE4
37	EVALUATING THE EFFECT OF OUTSIDE ENVIRONMENT TEMPERATURE AND PERSONMOVEMENT ON PERFORMANCE OF AIR CURTAIN	AMITESH PAUL,A.C.TIWARI	2321-9653	IJRASET	2019	IJRASET, VOLUME7 ISSUE V,MAY 2019
38	THE EFFECT OF ADDITIONOF HYDROGEN CONVENTIONAL DIESEL ENGINE THROUGH EXPERIMENT ANALYSIS	SUDHIR BABU ,AMITESH PAUL,	2456-3315	IJRTI	2020	2020 IJRTI/ VOLUME 5 ISSUE 9 /ISSN 2456-3315
39	EXERIMENTALLY EVALUATING THE EFFECT USE OF PAM OIL AS BIODIESEL AT DIFFERENT PERCENTAGE OF ADDITION	FAIZMAHAMMAD MOMIN ,AMITESH PAUL,	2456-3315	IJRTI	2020	2020 IJRTI/ VOLUME 5 ISSUE 9 /ISSN 2456-3315
40	EXERIMENTALLY EVALUATING THE EFFECT USE OF WASTE COOKING OILAS BIO-DIESEL	HARISH VISHWAKARMA, AMITESH PAUL	2456-3315	IJRTI	2020	2020 IJRTI/ VOLUME 5 ISSUE 9 /ISSN 2456-3315