

BIJU PATNAIK UNIVERSITY OF TECHNOLOGY, ODISHA ROURKELA

BPUT/R&D/Ph.D/ 571 /2022

Date: 18.07.2022

OFFICE ORDER

Registration of student for Ph.D. Degree

Lpon recommendation of Doctoral Scrutiny Committee (DSC) held on 13.04. 2022 & approval of the Vice Chancellor on 15.07..2022, Ms.Gitanjali Das has been registered as a Ph.D Research Scholar under Biju Patnaik University of Technology, Odisha w.e.f. 06.10.2020 consequent to her satisfactory completion of Course work & other qualifying recuirements. The particulars of registration are given below:

01. Name of the Student	:Ms. Gitanjali Das
02. Father's / Husband's Name	: Mr Chitaranjan Das
03. Address for correspondence	: Konisi, Golanthara, Ganjam
04.Faculty (Engg./Pharm. Etc.)	: Engineering
05. Discipline/ Specialization	: Civil Engineering
06.NCR (AICTE) to which Admitted	Indira Gandhi Institute of Technology, Sarang, Odisha
07. Date of Birth	:04.05.1995
08. Category	SC
09. Category of Studentship	Full Time
10. Enrollment No. & Date of Enrollment	: CED19701 (06.10.2020) / IGIT, Sarang
11.Regd. No.	: 20CED19701
12. Earliest Date of Thesis Submission	: 06.10.2023
13. Supervisor	: DR CHITTA RANJAN SAHOO, ASST PROF, DEP OF CIVIL
	ENGINEERING, IGIT, SARANG
14. Title of Ph.D. Work	: ELECTROCHEMICAL OXIDATION OF INDUSTRIAL
	WASTEWATER
15. Course Work Completed (YES / NO)	: Yes

SI.No.	Subject Code	Course Title	Grade	Credits
1.	-	Integrated Waste Management for a Smart City	В	1
2.	-	Municipal Solid Waste Management	E	1
3.		Research Methodology	E	4
4.	-	Research Publication Ethics	E	.2
	Tota	al Course Credits completed	14	Credits

16. Validity of Registration 17. Fees

: Six Years from the Date of Enrolment (Renewal as per BPUT, Ph.D Regulation 2019) : Applicable fees as per the BPUT, Ph.D Regulation 2019.

2022 PIC, Research & Development BPUT, Odisha, Rourkela

Hd. Qrs.: BPUT Campus, Chhend, Rourkela - 769 015, Ph.: (0661) 2482556, 558, 559, 560, Fax: (0661) 2482562

Memo No: BPUT /R&D /Ph.D / 57-2_2022

Date: 18.07.2022

Copy forwarded for information & necessary action to the :

01. OSD to Vice Chancellor, BPUT, Odisha for kind information of Hon'ble Vice Chancellor

- 02. Registrar / Finance Officer , BPUT, Odisha, Rourkela
- 03. Director, IGIT, Sarang / Co-ordinator, IGIT, Sarang-BPUT-AICTE Approve NCR
- 04. All members of DSC / Principal Supervisor / Co-Supervisor if any
- 05. Student concerned
- 06. File of Student concerned

8-07-2022

PIC, Research & Developm ant BPUT , Odisha, Rourkela

UTKAL UNIVERSITY VANI VIHAR, BHUBANESWAR-751004. /2021

No. Exam. VII / 18500 From:

The Controller of Examinations, Utkal University, Vani Vihar, Bhubaneswar.

То

Arun Kumar Mohanta C/o- Rameswar Mohanta At- W.N-07, (Sankhapata Tal Sahi), Madhuban, Baripada, Mayurbhanj, Odisha-757001.

Ph. D Registration. Sub: -

Dear scholar,

You have been registered for the Ph. D. Examination in the subject Engineering (Civil Engineering), under Supervision of Dr. Chittaranjan Sahoo, Asso. Prof., Department of Civil Engineering, IGIT, Sarang. The name of topic is "An Indepth Study on Prioritizing Solid Waste Management in Municipal Area of Balasore." and your registration number is 03-Engg (Civil) -2018-19 & date of registration - 29.01.2019.

- 1. You have to quote your registration number and date of registration in all your correspondences.
 - 2. Your place of Research Work is Indira Gandhi Institute of Technology, Sarang, Dhenkanal.
 - 3. You can submit your Ph.D. Thesis after completion of 3 (three) years (Including Course Work in case the candidate fails to successfully complete the course work in first chance and successfully complete in 2nd chance the eligibility for submission of Ph.D. thesis shall be three and half year from the date of Registration) on presentation of pre-submission seminar and recommendation of DRC (Departmental Research Committee). Further you should have at least one publication of Research paper in referred journal and make two paper presentations in conferences/seminar before the submission of the thesis based on the findings of the research for adjudication and produce evidence for those in from of presentation certificate/ reprints. A certificate from the Head/ Principal/ Director is to be produced at the time of Ph.D. thesis submission.
 - 4. You are required to submit the thesis within a period of 6 (Six) years from the date of registration failing which it will be treated as cancelled. Relaxations of two years in maximum duration allowed to women candidates.
 - 5. Ordinarily there shall be no change in the research topic after final registration.
 - 6. All the scholar irrespective of department, whose date of registration to Ph.D. programme is on or after 18th February, 2018 have to deposit a mandatory processing fee of Rs. 500/- in shape of Bank Draft drawn in favour of comptroller of Finance, Utkal University, at the time of submission of half yearly progress report to Controller of Examinations duly certified by supervisor and forwarded by chairperson, DRC (Departmental Research Committee).
 - 7. As a regular Ph.D. student you have a mandatory of 2 (two) years of residency period in the place of research.
 - 8. The candidate shall present the pre-submission seminar before the DRC (Departmental Research Committee) at least two months before the final submission. The feedback and comments obtained from DRC (Departmental Research Committee) may be suitable incorporated into the draft thesis. The period between the date of presubmission seminar and date of final submission of thesis shall not be more than three months.
 - 9. The candidate is required to give in writing through supervisor to the office of the Controller of Examinations at least Six month before the date of Ph.D. Thesis submission.
 - 10. Any suppression of facts or contravention to rule liable to cancellation of your registration.
 - 11. You have deposited Rs. 1500/- vide B.C. / B.D. No. 583023 dated. 06.09.2021 and M.R. No. 4447 date. 08.09.2021 towards fees for registration.

Memo No: - Exam. VII / 850 (A) Copy forwarded to:

/2021.

- 1. Dr. Chittaranjan Sahoo, Asso. Prof., Department of Civil Engineering, IGIT, Sarang (Supervisor).
- 2. Chairman, DRC, Engineering, Indira Gandhi Institute of Technology, Sarang, Dhenkanal for information.
- 3. Director R&D, Utkal University for information.
- 4. Section Officer EC-VI for information.

CONTROLLER OF E

Dated:

CONTROLLER OF EX

Dated: 18/921



BIJU PATNAIK UNIVERSITY OF TECHNOLOGY, ODISHA

Prof. Sivkumar Mishra Director (I/C) Examinations

> No. BPUT/IV/ Exam /Confi/556/2021/6864 Dated 23.11.2022

NOTIFICATION

THE DEGREE OF DOCTOR OF PHILOSOPHY IN ENGINEERING

SMITA SAHOO is declared to have qualified for the award of the Ph.D Degree under the Faculty of Engineering in Civil Engineering. The subject / title of the Thesis is "Strength and Durability **Characteristics of Pozzolana Cement and Concrete**"

BPUT Registration Number: 18DS001001.

The Degree will be conferred on her at the Annual Convocation of the University for the Academic Year 2022-23.

The Medium of Instruction is ENGLISH.

Sinha Min Director (I/C) Examinations

Memo No 6865 / 2022 Copy forwarded to

Dated 23.11.2022

- Prof. P.K. Parhi, Dept. of Civil Engineering, CET, Bhubaneswar Supervisor I)
- ii) Prof. B.C. Panda, IGIT, Sarang - Co-Supervisor
- Prof. Rajesh Kumar, Dept. of Civil Engineering, IIT, BHU, Varanasi Examiner iii)
- Prof. Bulu Pradhan, Dept. of Civil Engineering, IIT, Guwahati Examiner iv)
- V) Prof. S.K. Sahu, NIT, Rourkela - Chairman, DSC
- Prof. P.K. Pani, IGIT, Sarang Member, DSC vi)
- vii) Smita Sahoo, Scholar for information and record.

Sirkan Mirha

Director (I/C) Examinations

Dated 23.11.2022

Memo No 6866 / 2022 Copy forwarded to:

- The Additional Secretary to Chancellor for kind information of Hon'ble Chancellor, Raj Bhawan, i) Unit-VII, Bhubaneswar,
- ii) The Joint Secretary to Government, Skill Development & Technical Education Department, Odisha, Bhubaneswar,
- iii) The Secretary, University Grants Commission, Bahadur Shah Zafer Marg, New Delhi, Pin-110002,
- iv) The Member Secretary, All India Council for Technical Education, Nelson Mandela Marg, Vasant Kunj, New Delhi, Pin- 110070,

Contd.. P/2

- The Secretary, Association of Indian Universities, AIU House, 16, Kotla Marg, New Delhi, Pin-V) 110002,
- The Librarian, Association of Indian Universities, AIU House, 16, Kotla Marg, New Delhi, Pinvi) 110002,
- The Editor, University News Association of Indian Universities, AIU House, 16, Kotla Marg, vii) New Delhi, Pin-110002,
- The Director, I & PR Department, Government of Odisha, Unit-V, Bhubaneswar, Pin 751001, Viii)
- The Director, Printing and Publication, Government Press, Madhupatana, Cuttack, for ix) publication in next issue of Odisha Gazette, Free of Cost,
- The Editor, The Journal of Scientific and Industrial Research, Rafie Marg, New Delhi, X)
- xi) Current Science Association, Raman research Institute, C V Raman Avenue, Sadasiva Nagar, Bengaluru, Pin 560080.
- The Officer -In-Charge, Social Science Documentation Centre, Indian Council for Social xii) Sciences Research, Feroz Shaha Road, New Delhi for possible publication free of cost.

Sika Minha Director (I/C) Examinations

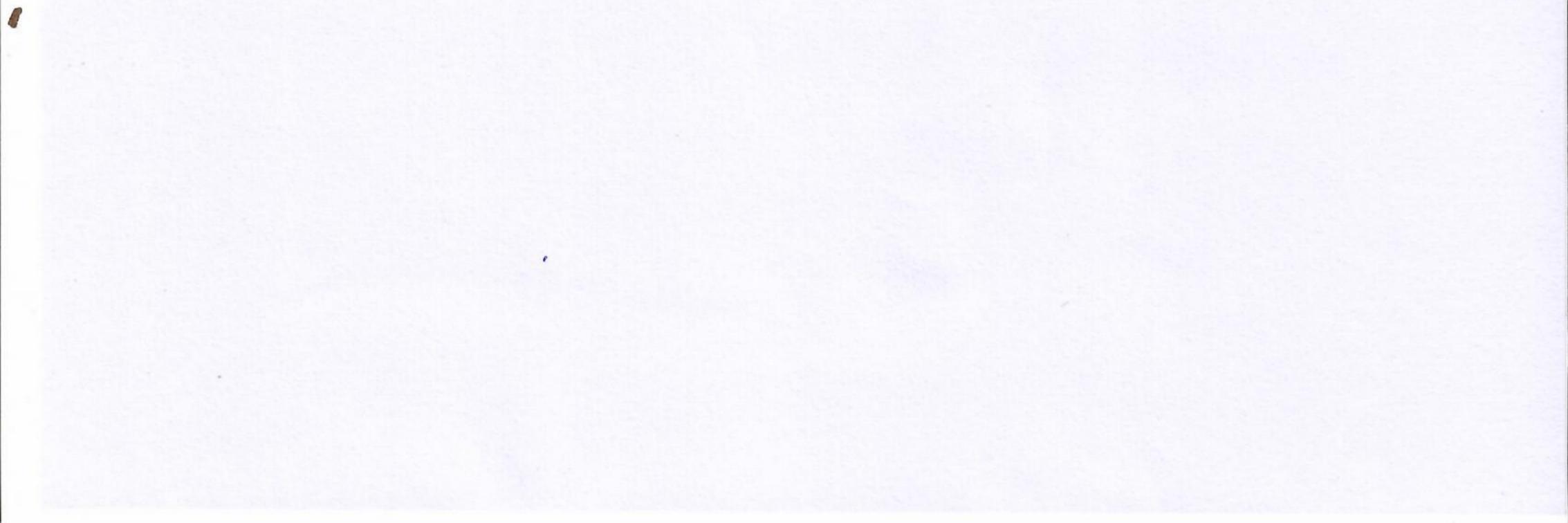
Copy forwarded to:

Dated 23.11.2022

- OSD to Vice Chancellor for kind information of Hon'ble Vice Chancellor, ١.
- ii. The Registrar, BPUT, Rourkela,
- iii. The PIC (R & D), BPUT, Rourkela,
- The Dy. Director Examination, (Engineering), iv.
- Information Officer, BPUT, Rourkela, ٧.
- Junior Executive, Examination- Confidential and General, BPUT, Rourkela, vi.
- vii. Web Notice -BPUT, Odisha, Rourkela.

Im Mith

Director (I/C) Examinations





INDIRA GANDHI INSTITUTE OF TECHNOLOGY, SARANG, ODISHA Date: 12/9/2022

No. IGIT/PhD/ 55

OFFICE ORDER

Provisional Registration (Enrollment) of Student for Ph.D Degree.

The undersigned is pleased to convey the approval of the DIRECTOR for Enrollment of the following candidate for the Ph.D. Degree.

- 1. Name of the Student: Tapas Ranjan Baral 2. Roll No: CED22901
- 3. Department: Civil Engineering
- 4. Date of Enrolment: 17.8.2022 5. Category of studentship: 09 IGIT Faculty Member
- 6. Supervisor(s): (1) (Dr.Sujit Kumar PradhanAsst., Professor, Civil Engg. (Principal Supervisor)

(2)

(Co-Supervisor)

- 7. Whether registering for Degree is Engineering/Science/Social Science/Management: Engineering
- 8. Broad Area of Research: Recycled Concrete Aggregate Utilization in Cement concrete Pavement
- 9. Course Work Assigned:

SI NO	Subject-Code	Course Title	Credits	Remarks
1	DCME 101	Research Methodology	4	
2	DCME 102	Research Publication Ethics	2	
3	TRC 102	Pavement Material Characteristics	3	
4	STC 102	Finite Element Analysis Application	3	
5	TRC 201	Analysis & Design of Pavement	3	

Special conditions such as self-study courses may be mentioned in remarks column.

1

- 10. Effective date of Provisional Registration: 17.8.2022
- 11. Earliest date of Thesis submission: Two years from the Date of Registration (Not Enrollment).

Memo No. IGIT/PhD/ /2022 Copy to :Student con

- Copy to :Student concerned (Through Head of the Department)
- 1. Head Metallurgical tr Materials Engineering Department
- 2. Supervisors CINR

Dated : 7 202 DEAN 9 202 Poet Graduate Studies & Reasearch (PGS&R) Indira Gandhi Institute of Technology 3. Employer.

Dean & F

Post Graduate Studies & Reasearch (PGS&R) Indira Gandhi institute of Technology

(PGS3



BIJU PATNAIK UNIVERSITY OF TECHNOLOGY, ODISHA ROURKELA

BPUT-XIV-Ph.D/SCH/001/2022-23

Form No.: BPUT/Ph.D-2019/ 11 [vide Ph.D.-12.3(g) & Ph.D.-12.4(a)]

OFFICE ORDER ON FORMATION OF DSC FOR THE RESEARCH SCHOLAR

No BPUT /R&D /Ph D/ 075 / 2023

Date 21.01 2023

The undersigned is pleased to convey the Enrolment and formation of DSC of the following student in Ph D Programme of the University as per approval of the competent authority

1	Name of Candidate	DEBAKINANDAN NAIK
2	Father's / Husband's Name	PURNA CHANDRA NAIK
3	Address for Correspondence	AT/PO JAMUNA POSHI, VIA, RAJNAGAR, DIST KEONJHAR, ODISHA
4	Enrolment No & Date	DSV01001 (26 10 2022)
5	Department /NCR to which Admitted	INDIRA GANDHI INSTITUTE OF TECHNOLOGY, SARANG
6	Date of Birth	21.04.1995
7.	Category (SC/ST/GEN)	ST
8	Category of Studentship (Full Time / Part Time / Full Time Special)	FULL TIME (ADF-2022)
9.	Faculty (Engg /Pharm Etc.)	ENGINEERING
10	Discipline/ Specialization	STRUCTURAL ENGINEERING (CIVIL)
11.	Broad Area of Research Proposed	UTILIZATION OF RAP IN FLEXIBLE PAVEMENT
12.	For Sponsored Student (Place of Employment)	NA
13	Name & Address of the Supervisors	 PROF BIKASH CHANDRA PANDA, PROFESSOR, CIVIL DEPT, IGIT, SARANG- SUPERVISOR DR SUJIT KUMAR PRADHAN, ASST PROF, CIVIL DEPT, IGIT, SARANG- CO-SUPERVISOR
	Doctoral Scrutiny Committee of the Student	 PRINCIPAL / DIRECTOR. IGIT, SARANG-CHAIRPERSON HOD, CIVIL ENGINEERING, IGIT, SARANG- CO-CHAIRPERSON PROF CHITTARANJAN SAHOO, PROFESSOR, IGIT, SARANG PROF MAHABIR PANDA, PROFESSOR, NIT. ROURKELA PROF BIKASH CHANDRA PANDA, PROFESSOR, CIVIL DEPT, IGIT, SARANG-SUPERVISOR DR SUJIT KUMAR PRADHAN, ASST PROF, CIVIL DEPT, IGIT, SARANG-CO-SUPERVISOR

The Chairperson, DSC is requested to hold the meeting of the DSC for assigning course work and ot actions as per Ph D regulation 2019

Hd. Qrs. : BPUT Campus, Chhend, Rourkela - 769 015, Ph : (0661) 2482556, 558, 559, 560, Fax : (0661) 2482562

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PIC(R&D), BPUT

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x en M					
	VEER SURENDRA SA	UNIVERSITY OF	TECHNOLOGY, BU	IRLA	Form: VSSUT/PGSR/606
infa A la		MENT OF Ph.D.			
No:VS	SSUT/PGSR/ 227 / 20 dersigned is pleased to convey the enrollmen (To b)	22 at of the following stude	Date Ident in the Research Pr	e: <u>26/02</u> ogramme of the	laa e Institute:
1.	Name of Candidate	:ANWE	SHA. DAS		
2.	Registration No.		0005		
3.	Department to which admitted	ETC			
4.	Date of Enrolment		3		AN THE
5.	Father's Name	ANIANIT	A KUMAR DE	25	
6.	Permanent Address	: VYASAKAI SAHADEV.K	BI.NAGAR.1.C.44 HUNIA.1.BALR	AN. DMARII	endia ena. PIN-Jeboog
7.	Date of Birth	. 20.01.	1996		
8.	Category (SC/ST/GEN)	GEN		(1980)	
9.	Category of studentship (1-9)	:			
10.	Highest Academic Qualification	M.T.EC		in the second	
11.	Regular Boarder/Day Scholar	. REGULAR	BOARDER	S D. C. S.	
12.	For sponsored student :	NA		NR	
	(a) Place of Employment	·····			
W 66		be filled by the			
12.	(b) The student is / is not permitted to tak	e withdrawal after sat	isfying the course and res	sidence requirem	nents.
13.	Name & Address of the Superviso.	rs: 1.Dr.D.e	basis Michro.,	ASSO. BAT	······
		ET.C	Pept: J. VSSVI.	Acco. Pr	A
		2. Dr. (Mrs) AshEra Rout. Dept., IGIT.	Saran	
	Doctoral Scrutiny Committee of th	e student:	1		
14.			D-		
	1. HOD of <u>ETC</u> Deptt. if HOD is Supervisor till he/she is in	is Chairman [or] Headship]	J		
	2 No Debasis Mishra		Principal Supervisor		
	3 Dr. Achima Kout		Co-Supervisor Member		
	4. Dr. Nelemani Phal 5. Dr. De Kramaditya		Member		
	6 Dr. Santi Beherr	1	Member	1	actions as and
15.	6. Dr. Santi Benera The Chairman, DRC is requested to hold	the meeting of the D	RC for assigning course v	work and other a	actions as per
	Ph.D regulation.			Lopi	in the state
			1	Deapeli	SEORS & R
	No VSSIIT/PGSR/ 227		Dat	e'VSS Univers	sity of Technology
Сору	No.VSSUT/PGSR/ 227		and the liberary	Burla, Odis	sha, India-768018
1.	Student concerned	5. Prof. I/c 6. For sponse	VSSUT, Library ored students(Employer w	with address):	
2. 3.	Head, Department of EIC				
4.	- Chudant's Wolfare	111		1a	The states
				Dean, Po	
				VSS Ur	Dean, PGS & R niversity of Technolog . Odisna, India, 750
				Burla	. Odisna, India. 7580 to
					1012-7580 to



VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY, BURLA OFFICE ORDER

ENROLMENT OF Ph.D. STUDENT

No.V	SSUIPOSR 986 120	22	Date: <u>13-09-202</u> 2
The of	dersigned is pleased to convey the enrolline	nt of the fo	llowing student in the Research Programme of the Institute
		be filled	by the candidate)
	Name of Candidate		RAJNA PARAMOTA NANZA
2	Registration No.		2210040103
3	Department to which admitted	÷•••••	ETC EREA
4.	Date of Enrolment	·····	06/09/2022
5	Father's Name	K	SHORE CHANDRA NANZA
ю.	Permanent Address	: At 229) Rangèaguda, Po: Purrunagarty st.: Dengarth, Odèstra, PON: 768119
7.	Date of Birth	:(2/06/1992
8.	Category (SC/ST/GEN)	·	GEN
9.	Category of studentship (1-9)		8
10.	Highest Academic Qualification		.M. Tech.
11.	Regular Boarder/Day Scholar	:R a	gulan Boanden
12.	For sponsored student :		
	(a) Place of Employment	: 50	phitonium Engg. College, Bhubanewar
			<u>d by the Office</u>)
12.	(b) The student is / is not permitted to ta	ke withdrav	wal after satisfying the course and residence requirements.
13.	Name & Address of the Supervis	ors : 1	Or. SUVENOU NARAYAN MOSHRA Asst. Prob., 20pt. of ETC, VSSUT, Burla Dr. ASHOMA ROUT Assoc. Prob., 20pt, of ETC, 2997, Saranga
14.	Doctoral Scrutiny Committee of the	ne studen	t: 0
	if HOD is Supervisor till he/she is in 2. Dr. Scuendu Narauan 3. Dr. Ashima Rout 4. Dr. Debasis Mishma 5. Dr. Bardan Keymar Bl 6. Dr. R. C. Pourty, El	Headship) Mžstv Nož	Principal Supervisor Co-Supervisor Member Member Member Member
15.	The Chairman, DRC is requested to hold Ph.D regulation.	the meetir	ng of the DRC for assigning course work and other actions as per
Memo Copy t	No.VSSUT/PGSR/987/22		Dean, PGS& R Dean, PGS& R Date: Dean, PGS& R VSS University of Technology Burla, Odisha, Indla-768018
1. 2. 3. 4.	Student concerned All members of DRC Head, Department of ETC Engr Dean, Student's Welfare	5. 6.	Prof. I/c VSSUT, Library For sponsored students(Employer with address):
÷.	Venily Deductive a rectifier of the	J	

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Dean, PGS&R Dean, PGS&R 122

vSS University of Technology Burla, Odisha, Indh-768018



OFFICE OF THE REGISTRAR, GIET UNIVERSITY, GUNUPUR DIST.RAYAGADA, (ODISHA) PIN- 765022

No: ----- /GIETU/Ph.D/2022 Dr. N.V. J. Rao,

Registrar. To

Mr. Sashi Bhusan Nayak, Plot NO- 871, Mahanadi Vihar, Cuttack, Nayabazar,Cuttack-753004 (ODISHA)

Date

022

Sub- Registration for Ph.D degree under the Department of CSE, School of Engineering & Technology, GIETU, Gunupur.

Ref- Your application dated - 25-4-2022

Dear Scholar,

With reference to your application for the registration for Ph.D degree on the above subject, I am directed to inform you that basing on the recommendation of the Department Research Committee (DRC), the Vice-Chancellor has been pleased to permit you to register for Ph. D in the Department of CSE, School of Engineering & Technology, GIETU, Gunupur subject to fulfillment of the conditions laid down in the relevant regulations.

Your date of enrollment into the Ph. D programme is 30-12-2020

You have been allotted with I Registration Number – 20SPHCS014 with effect from -25-4-2022

The name of the title is -:

"ANALYSIS OF VITAL ASPECT ON RESPIRATION SYSTEM DURING MEDITATION USING EEG SIGNAL."

You are required to work under the Supervisor and Co-supervisor as detailed below

SI No	Name & Address	Approved as
1	Dr. Sanjay Kumar Kuanar, Professor, Dept. of CSE ,GIETU, Gunupur	Supervisor
2	Dr.(Mrs.) Ashima Rout, Associate Professor,IGIT Saranga (Odisha)	Co-Supervisor

P.T.O

- 1. Your place of research work is the Department of CSE. Under SOET, GIETU. Gunupur.
- 2. Your date of registration is 25-4-2022. However, the renewal of registration may be considered after completion Of 4 years from the date of enrollment. The scholar cannot avail annual renewal for more than 2 times.
- 3. You are required to submit your quarterly progress report on the research work through your supervisor.
- 4. You are required to make presentation after registration in regular intervals (Once in Six Months), failing which your registration is liable to be cancelled.
- 5. The Supervisor/Co-Supervisor shall be mandatorily present in all the presentation (Synopsis/Renewal/Pre-Submission).
- 6. At least six months prior to the date of submission of the thesis, you are required to inform the Controller of Examinations through your supervisor in writing about the date of submission of your thesis.
- 7. You can submit your Ph. D thesis after completion of 3 years (Including Course from the date of enrollment on presentation of Pre-Submission Seminar Work) recommendation of the DRC .Further, you should have at least and two referred/Peer Reviewed Publications and One International Conference (Scopus Indexed) based on the findings of the research.
 - 8. In exceptional cases, the Vice-Chancellor may permit submission of thesis 6 months earlier on production of quality publication in referred/Peer reviewed journals and 9. You shall submit the consent letter from your principal supervisor.

55 --/GIETU/Ph.D/2022 GIET University, Gunupur Memo No-Copy Submitted to the Hon'ble Vice-Chancellor, GIET University, Gunupur for his kind information 56 Registrar ---/GIETU/Ph.D/2022 Memo No Copy forwarded to the Dean (Academics)/Dean (R&D)/ Controller of Examinations /Supervisor/Co-Supervisor/ Chairman, DRC,CSE, for information Registrar hpm ET University, Gunupur 7 2022 Recistrar GIET University Gunupur

Form No. BPUT/Ph.D. / 02

Appendix-II

BIJU PATNAIK UNIVERSITY OF TECHNOLOGY, ODISHA **APPLICATION FOR REGISTRATION FOR Ph.D.**

To be submitted after the University declares the candidate to be eligible for registration

(To be filled in capital letters)

- 1. Name of the candidate : ASHES KUMAR DAS
- 2. Father/Husband's Name : DHARANIDHAR DAS

3. Address for Correspondence :

Present : SASWAT HOMES, ROOM-05, KI, KALINGA NAGAR, BBSR, ODISHA-751003 Permanent: AT/Po-RASALPUR, DIST-BALASORE, ODISHA-756021

E-mail ID : ASHESPAPPUIZ @GMAIL, COM (or) ASHES KUMAR DAS 93@ &MAIL, COM

- 4. Date of Birth : 08-JUNE- 1993
- (Supported by HSCE or equivalent certificate)

5. Educational Qualification (HSCE onwards)

Degree	University/ Board	Year of Passing	Class/ Division	Major subject(s)
10th	BSE, ODISHA	2008	1st	MIL, ENG, MATH, SCI, HIS, GEO
+2	CHSE, ODISHA	2010	Sug	PHY CHEM, MATH, ENCY, CS MECHANICAL ENCH.
B.TECH	ITER SOA	2014	15+	MECHANICAL ENCIG.
M.TE CH	VSSUT, BURLA	2017	157	PILOTIC L

6. (a) Work Experience (if any) :06 MONTHS

- 7. Discipline & area in which research is to be conducted : MECHANICAL ENGINEERING BIOMEDICAL IMPLANT COATIN
- 8. Proposed title of the Ph.D. thesis
 - COATINGS ON BIOMEDICAL IMPLANTS FOR MEDICAL APPLICATIONS
- 9. Institution at which Ph.D. is to be pursued.

IGIT, SARANG, ODISHA

10. Name, address, mobile No. & e-mail of the Supervisor(s)

Institution of Area of Supervisor Highest Degree Affiliation Specialization Dr SK Servapal Ph.D in Mechanical Engg. M-9861264028 Email - concerte - conception hotmail.com Institution of Area of Co-Supervisor Highest Degree Affiliation Specialization Dr. B. D. Sahov Ph. D. in Mechanical Engineering M-9861190444 Emont - Edsahoo Gyahoo - com



The following faculty member will serve as supervisor of the candidate: Dr. D. K. Behera, Asst. Prof., Mechanical Engineering Department. The following members are recommended for the doctoral scrutiny Committee of the student:

- 1. Dr. B. D. Sahoo, HOD, Mechanical Engineering, Chairman 2. Dr. D. K. Behera, Asst. Prof., Mechanical Engg, Supervisor, Convener
- 3. Dr. B. B. Choudhury, Associate Prof. MechEngg, Member
- 4. Dr. S. C. Pattnaik, Prof., Mett& Mat. Engg, Member

The DAC may suggest four names of external faculty members as subject expert related to the research area of the Ph. D. candidate in the following format as per regulation 6.1 (6)

SI. No.	Name	Désigna tion	Qualifica -tion	Specialization	Working Institute and department	Address of Correspondence	
1	Dr. S.K. Patel	Prof. Mech	PhD	Prod Engg.	NIT, Rourkela Mech Engg	Dept, NIT, RKL-	6612462516 skpatel@nitrkl.ac.in
2	Dr. M. M. Mohapatra	Assoc. Prof	PhD	Prod. Engg Welding	IIT, BBSR Mech Engg	Mech. Engg Dept, IIT BBSR	6747137116 mmmahapatra@iit bbs.ac.in
3	Dr. B. B. pani	Assoc. Prof	PhD	Prod. Engg	VSSUT, Burla Mech Engg	MVSSUT, Burla Sambalpur	8763653340 Bibhuti89@yahoo.c o.in
4	Dr. Subhash Ch. Panja	Prof. Mech	PhD	Prod. Engg	Jadavpur Univ. Kolkata	Jadavpur Univ. Kolkata-	9051509030 Panja12@yahoo.c o.in

Signat of members, DAC

Category

Head of the department

То

Dean, PGS & R

1

---is nominated as member of DSC as per regulation No. 6.1 The structure of the DSC as recommended by the DAC is approved as such/ approved with the following 2.

3. The admission with all details may please be reported to the academic council in the next meeting. Dean PGS & R

To D.A. (Dean, PGS & R) for record and necessary action.

Amount of fee paid and the institute Receipt No. & Date

(Attach photocopy of the receipt)

The student is assigned the following Roll No.: Degree

Year Discipline (Branch)

The enrollment of student is approved with effect from today



Roll No



BIJU PATNAIK UNIVERSITY OF TECHNOLOGY, ODISHA ROURKELA

BPUT/R&D/Ph.D/ 7-04 /2022

Date: 13:09:2022

OFFICE ORDER

Registration of student for Ph.D. Degree

Upon recommendation of Doctoral Scrutiny Committee (DSC) held on 21.07.2022 & approval of the Vice Chancellor on 06.09..2022, Mr Bibhutibhusan Brahma has been registered as a Ph.D Research Scholar under Biju Patnaik University of Technology, Odisha w.e.f. 10.03.2022 consequent to his satisfactory completion of Course work & other qualifying requirements. The particulars of registration are given below:

15. Course Work Completed (YES / NO)	: Yes
	SIMILARITY ESTIMATION
14. Title of Ph.D. Work	TECHNIQUE FOR ROLLER BEARING OF INDUCTION MOTOR BY
144 Tills of Ph D. Work	: DEVELOPMENT OF A CONVENIENT HEALTH MONITORING
13. Supervisor	ENGG, IGIT, SARANG
	: DR RABINARAYAN SETHI, ASST.PROF, DEPT OF MECHANICAL
12. Earliest Date of Thesis Submission	: 05.02.2024
11.Regd. No.	: 22DST01001
10. Enrollment No. & Date of Enrollment	: DST01001(05.02.2021)
09. Category of Studentship	; FULL TIME
08. Category	: GENERAL
07. Date of Birth	:30.05.1996
06. NCR (AICTE) to which Admitted	INDIRA GANDHI INSTITUTE OF TECHNOLOGY, SARANG, ODISHA:
05. Discipline/ Specialization	: MECHANICAL ENGINEERING
04. Faculty (Engg./Pharm. Etc.)	: ENGINEERING
03. Address for correspondence	: BADA SAHI, GOSANINUAGAOM, BERHMAPUR, ODISHA
02. Father's / Husband's Name	: BIPIN CHANDRA BRAHMA
01. Name of the Student	: BIBHUTIBHUSAN BRAHMA

Grade **Course Title** Subject Code SI.No. FAULT DIAGNOSIS AND CONDITION MONITORING 0 1. -Ε **RESEARCH METHODOLOGY** 2. -E **RESEARCH PUBLICATION ETHICS** 3. -

Total Course Credits completed

16. Validity of Registration

17. Fees

: Six Years from the Date of Enrolment (Renewal as per BPUT, Ph.D Regulation 2019) : Applicable fees as per the BPUT, Ph.D Regulation 2019.

13.09.2022

Credits

3

4

2

09 Credits

PIC, Research & Development BPUT, Odisha, Rourkela

Hd. Qrs.: BPUT Campus, Chhend, Rourkela - 769 015, Ph. : (0661) 2482556, 558, 559, 560, Fax : (0661) 2482562

Date: 13:09:2022

Memo No: BPUT /R&D /Ph.D / 705 2022

Copy forwarded for information & necessary action to the :

- 01. OSD to Vice Chancellor, BPUT, Odisha for kind information of Hon'ble Vice Chancellor
- 02. Registrar / Finance Officer , BPUT, Odisha, Rourkela
- 03. Director, IGIT, Sarang / Co-ordinator, IGIT, Sarang-BPUT-AICTE Approve NCR
- 04. All members of DSC / Principal Supervisor / Co-Supervisor if any
- 05. Student concerned
- 06. File of Student concerned

Ang -2022

PIC, Research & Development BPUT , Odisha, Rourkela

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No. Exam. VII/ 18492

Dated: 18/9/21

The Controller of Examinations, Utkal University, Vani Vihar, Bhubaneswar.

То

Bidula Bosc N-3/433, IRC Village, Bhubaneswar, Pin-751015.

Ph. D Registration. Sub: -

You have been registered for the Ph. D. Examination in the subject Engineering (Civil Engineering), under Dear scholar, Supervision of Prof. Sudcep Kumar Chand, Department of Civil Engineering, IGIT, Sarang and Prof. Maheswar Maharana, Department of Civil Engineering, IGIT, Sarang and Prof. Maheswar Maharana, Department of Civil Engineering, IGIT, Sarang (Co-supervisor). The name of topic is "Lime and Gypsum Stabilized Pond ASH as a Composite the Civil 2018-10 & ASH as a Component in Composite Landfill Liner System." and your registration number is 01-Engg (Civil) -2018-19 & date of registration - 20.01.2010 date of registration - 29.01.2019.

- You have to quote your registration number and date of registration in all your correspondences. 1.
- Your place of Research Work is Indira Gandhi Institute of Technology, Sarang, Dhenkanal.
- 2.
- You can submit your Ph.D. Thesis after completion of 3 (three) years (Including Course Work in case the candidate fails to successfully complete the course work in first chance and successfully complete in 2nd chance the eligibility 3. for submission of Ph.D. thesis shall be three and half year from the date of Registration) on presentation of presubmission seminar and recommendation of DRC (Departmental Research Committee). Further you should have at least one publication of Research paper in referred journal and make two paper presentations in conferences/seminar before the submission of the thesis based on the findings of the research for adjudication and produce evidence for those in from of presentation certificate/ reprints. A certificate from the Head/ Principal/ Director is to be produced at
- 4. You are required to submit the thesis within a period of 6 (Six) years from the date of registration failing which it
- will be treated as cancelled. Relaxations of two years in maximum duration allowed to women candidates.
- 5. Ordinarily there shall be no change in the research topic after final registration.
- 6. All the scholar irrespective of department, whose date of registration to Ph.D. programme is on or after 18th February, 2018 have to deposit a mandatory processing fee of Rs. 500/- in shape of Bank Draft drawn in favour of comptroller of Finance, Utkal University, at the time of submission of half yearly progress report to Controller of Examinations duly certified by supervisor and forwarded by chairperson, DRC (Departmental Research Committee). 7. As a regular Ph.D. student you have a mandatory of 2 (two) years of residency period in the place of research.
- 8. The candidate shall present the pre-submission seminar before the DRC (Departmental Research Committee) at least two months before the finar submission. The feedback and comments obtained from DRC (Departmental Research Committee) may be suitable incorporated into the draft thesis. The period between the date of pre-submission seminar and date of final submission of thesis shall not be more than three months.
- The candidate is required to give in writing through supervisor to the office of the Controller of Examinations at least Six month before the date of Ph.D. Thesis submission. 9.

- 10. Any suppression of facts or contravention to rule liable to cancellation of your registration. 11. You have deposited Rs. 1500/- vide B.C. / B.D. No. 261128 dated. 08.09.2021 and M.R. No. 4439 date. 08.09.2021
- towards fees for registration.

CONTROLLER OF Dated: 18-19/21

5.

Memo No: - Exam. VII / 18499 (5) Copy forwarded to:

- Prof. Sudeep Kumar Chand, Department of Civil Engineering, IGIT, Sarang (Supervisor).
 Prof. Maheswar Maharana, Department of Civil Engineering, IGIT, Sarang (Co-supervisor).
- Chairman, DRC, Engineering, Indira Gandhi Institute of Technology, Sarang, Dhenkanal for information.

Her your

/2021,

- Director R&D, Utkal University for information.
- Section Officer EC-VI for information. 4.

CONTROLLER OF EX

UTKA UNIVERSITY VIHAR, BHUBANESWAR-751004. /2021,

189121

Dated:

No. Exam. VII / 18519 From:

> The Controller of Examinations, Utkal University, Vani Vihar, Bhubancswar.

To

Biswakant Pradhan Upper Forest Colony Qr No-28, Brooks-Hill, Sambalpur, Odisha-768001.

Sub: -Ph. D Registration. Dear scholar,

You have been registered for the Ph. D. Examination in the subject Engineering (Chemical), under Supervision of Dr. Satyabrata Mohanta, Director, IGIT, Sarang. The name of topic is "Up Gradation of Indian Iron ore Fines (-1mm + 45.Mm) Slimes, Low Grade ores and Tailings by Teeter Bed Separato." and your registration number is 05-Engg (Chemical) -

- 1. You have to quote your registration number and date of registration in all your correspondences.
- 2. Your place of Research Work is Indira Gandhi Institute of Technology, Sarang, Dhenkanal.
- 3. You can submit your Ph.D. Thesis after completion of 3 (three) years (Including Course Work in case the candidate fails to successfully complete the course work in first chance and successfully complete in 2nd chance the eligibility for submission of Ph.D. thesis shall be three and half year from the date of Registration) on presentation of presubmission seminar and recommendation of DRC (Departmental Research Committee). Further you should have at least one publication of Research paper in referred journal and make two paper presentations in conferences/seminar before the submission of the thesis based on the findings of the research for adjudication and produce evidence for those in from of presentation certificate/ reprints. A certificate from the Head/ Principal/ Director is to be produced at the time of Ph.D. thesis submission.
- 4. You are required to submit the thesis within a period of 6 (Six) years from the date of registration failing which it will be treated as cancelled. Relaxations of two years in maximum duration allowed to women candidates.
- 5. Ordinarily there shall be no change in the research topic after final registration.
- 6. All the scholar irrespective of department, whose date of registration to Ph.D. programme is on or after 18th February, 2018 have to deposit a mandatory processing fee of Rs. 500/- in shape of Bank Draft drawn in favour of comptroller of Finance, Utkal University, at the time of submission of half yearly progress report to Controller of Examinations duly certified by supervisor and forwarded by chairperson, DRC (Departmental Research Committee).
- 7. As a regular Ph.D. student you have a mandatory of 2 (two) years of residency period in the place of research.
- 8. The candidate shall present the pre-submission seminar before the DRC (Departmental Research Committee) at least two months before the final submission. The feedback and comments obtained from DRC (Departmental Research Committee) may be suitable incorporated into the draft thesis. The period between the date of pre-submission seminar and date of final submission of thesis shall not be more than three months.
- 9. The candidate is required to give in writing through supervisor to the office of the Controller of Examinations at least Six month before the date of Ph.D. Thesis submission.
- 10. Any suppression of facts or contravention to rule liable to cancellation of your registration.
- 11. You have to complete a Bridge course in Indira Gandhi Institute of Technology, Sarang, Dhenkanal and submit it at the time of Submission of Thesis.
- 12. You have deposited Rs. 1500/- vide B.C. / B.D. No. 395587 dated. 08.09,2021 and M.R. No. 4493 date. 08.09,2021 towards fees for registration.

...

Memo No: - Exam, VII / 18520 (4) Copy forwarded to?

- 1. Dr. Satyabrata Mohanta, Director, IGIT, Sarang (Supervisor).
- Chairman, DRC, Engincering, Indira Gandhi Institute of Technology, Sarang, Dhenkanal for information. 2.

/2021,

- Director R&D, Utkal University for information. 3.
- Section Officer EC-VI for information. 4.

CONTROLLER OF I

Dated: 1.8

CONTROLLER OF #XAM



INDIRA GANDHI INSTITUTE OF TECHNOLOGY, SARANG, ODISHA

No. IGIT/PhD/3814(5)

Date: 20.12.2021

OFFICE ORDER

Provisional Registration (Enrollment) of Student for Ph.D Degree.

The undersigned is pleased to convey the approval of the DIRECTOR for Enrollment of the following candidate for the Ph.D. Degree.

- 1. Name of the Student: Mrs. Babita Singh 2. Roll No: MED21403
- 3. Department: Mechanical Engineering
- 4. Date of Enrolment: 29.10.2021 5. Category of studentship: 04
- 6. Supervisor(s): (1)(Dr) A Gupta Asst. Prof. Mech Engg. (Principal Supervisor)

(2)Dr. D. K Behera Asso. Prof. Mechanical Engineering(Co-Supervisor)

- 7. Whether registering for Degree is Engineering/Science/Social Science/Management: Engineering.
- 8. Broad Area of Research: Performance and Emission characteristic of single Cylinder DICI engine using different alternative fuel blend with Commercial diesel and nano particles

Sl. No.	Subject-Code	Course Title	Credits	Remarks
1		Research Methodology	4	Compulsory
2	and the second second	Research Publication Ethics	2	Compulsory
3	THC-101	Thermodynamics and Combustion	3	Core
4	THC-102	IC Engine Combustion and pollution	3	Core
5	THE-104	Optimization method in Engineering	3	Core(Self study)
6	THC-201	Advanced Heat Transfer	3	Core

09 Course Work Assigned:

Special conditions such as self-study courses may be mentioned in remarks column.

10. Effective date of Provisional Registration: 18.12.2021

11. Earliest date of Thesis submission: Two years from the Date of Registration(Not Enrollment)

Dean & PGS&R 20

PGS&R

Dated: 20.12.2021

Memo No. IGIT/PhD/3815

Copy to:

- 1. Student concerned (Through Head of the Department)
- 2. Head Mechanical Engineering Department
- 3. Supervisors
- 4. Employer:





BIJU PATNAIK UNIVERSITY OF TECHNOLOGY, ODISHA ROURKELA

Prof. Sivkumar Mishra Director (I/C) Examinations

> No. BPUT/IV/ Exam /Confi/555/21/4721 Dated 06.08.2022

NOTIFICATION

THE DEGREE OF DOCTOR OF PHILOSOPHY IN ENGINEERING

In partial modification to the earlier Notice No. BPUT/IV/Exam/Confi/555/21/4103 dated 29.06.2022, CHINMAY KUMAR NAYAK is declared to have qualified for the award of the Ph.D Degree under the Faculty of Engineering in Electrical Engineering. The subject / title of the Thesis is "Optimal Scheduling of Battery Energy Storage in Electricity Systems with Intermittent Renewable Energy Sources"

BPUT Registration Number: 18DS001230.

The Degree will be conferred on him at the Annual Convocation of the University for the Academic Year 2021-22.

The Medium of Instruction is ENGLISH.

By order

Memo No 4722 / 2022 Copy forwarded to Director (I/C) Examinations

Dated 06.08.2022

- i) Prof. Manas Ranjan Nayak, Dept. of Electrical Engineering, CAPGS, BPUT, Rourkela Supervisor
- ii) Dr. Rabindra Behera, Dept. of Electrical Engineering, IGIT, Sarang –Co-Supervisor
- iii) Prof. R. Ramesh, Dept. of Electrical & Electronics Engg., Anna University, Chennai -Examiner
- iv) Prof. Abdul Quaiyum Ansari, Dept. of Electrical Engg., Jamia Millia Islamia, New Delhi -Examiner
- v) Prof. Ajit Kumar Barisal, Dept. of Electrical Engg., OUTR(CET), Bhubaneswar Member, DSC
- vi) Dr. Ullas Kumar Rout, Dept. of Electrical Engg., OUTR(CET), Bhubaneswar Member, DSC
 vii) Dr. Bhagabat Panda, Dept. of Electrical Engg., PMEC, Berhampur Member, DSC
 - Dr. Bhagabat Panda, Dept. of Electrical Engg., PMEC, Berhampur Member, DSC Chinmaya Kumar Nayak, Scholar for information and record

Director (I/C) Examinations

Memo No 4723 / 2022

Copy forwarded to:

viii)

- The Additional Secretary to Chancellor for kind information of Hon'ble Chancellor, Raj Bhawan, Unit-VII, Bhubaneswar,
- The Joint Secretary to Government, Skill Development & Technical Education Department, Odisha, Bhubaneswar,

Dated 06.08.2022



UTKA ANI VIHAR/ ANESWAR-751004. /2022,

Exam. VII /

Dated: 28.01.22

The Controller of Examinations, Utkal University, Vani Vihar, Bhubaneswar.

1324

Debendra Maharana At-H-212, Sector-6, Rourkela, Pin-769002.

Ph. D Registration. Sub: -

Dear scholar,

To

You have been registered for the Ph. D. Examination in the subject Engineering (Computer Science), under Supervision of Dr. Srinivas Sethi, Department of CSEA, IGIT, Sarang, Dhenklanal. The name of topic is "Study on Real time BigData Processing in Cloud Computing Environment." and your registration number is 08-Engg (Computer Science) -2017-18 & date of registration - 18.02.2018.

- 1. You have to quote your registration number and date of registration in all your correspondences.
- 2. Your place of Research Work is Indira Gandhi Institute of Technology, Sarang, Dhenkanal.
- 3. You can submit your Ph.D. Thesis after completion of 3 (three) years (Including Course Work in case the candidate fails to successfully complete the course work in first chance and successfully complete in 2nd chance the eligibility for submission of Ph.D. thesis shall be three and half year from the date of Registration) on presentation of pre-submission seminar and recommendation of DRC (Departmental Research Committee). Further you should have at least one publication of Research paper in referred journal and make two paper presentations in conferences/seminar before the submission of the thesis based on the findings of the research for adjudication and produce evidence for those in from of presentation certificate/ reprints. A certificate from the Head/ Principal/ Director is to be produced at the time of Ph.D. thesis submission.
- 4. You are required to submit the thesis within a period of 6 (Six) years from the date of registration failing which it will be treated as cancelled. Relaxations of two years in maximum duration allowed to women candidates.
- 5. Ordinarily there shall be no change in the research topic after final registration.
- 6. All the scholar irrespective of department, whose date of registration to Ph.D. programme is on or after 18th February, 2018 have to deposit a mandatory processing fee of Rs. 500/- in shape of Bank Draft drawn in favour of comptroller of Finance, Utkal University, at the time of submission of half yearly progress report to Controller of Examinations duly certified by supervisor and forwarded by chairperson, DRC (Departmental Research Committee).
- 7. As a regular Ph.D. student you have a mandatory of 2 (two) years of residency period in the place of research.
- 8. The candidate shall present the pre-submission seminar before the DRC (Departmental Research Committee) at least two months before the final submission. The feedback and comments obtained from DRC (Departmental Research Committee) may be suitable incorporated into the draft thesis. The period between the date of pre-submission seminar and date of final submission of thesis shall not be more than three months.
- 9. The candidate is required to give in writing through supervisor to the office of the Controller of Examinations at least Six month before the date of Ph.D. Thesis submission.
- 10. Any suppression of facts or contravention to rule liable to cancellation of your registration.
- 11. You have deposited Rs. 1500/- vide B.C. / B.D. No.021469 dated. 27.01.2022 and M.R. No. 8326 date. 27.01.2022
- towards fees for registration.

Memo No: - Exam. VII / Copy forwarded to:

1325-(4) /2022,

- 1. Dr. Srinivas Sethi, Department of CSEA, IGIT, Sarang, Dhenklanal. 2. Chairman, DRC, Engineering, Indira Gandhi Institute of Technology, Sarang, Dhenkanal for information.
- Director R&D, Utkal University for information. 3.
- Section Officer EC-VI for information. 4.

VATIONS CONTROLLER OF F

Dated

CONTROLLER OF E



Dated: 17.09.21

No. Exam. VII / From:

The Controller of Examinations, Utkal University, Vani Vihar,

Bhubaneswar.

To

Dipti Ranjan Nayak Qtr No- 341, IMMT Campus. Bhubaneswar.

Ph. D Registration. Sub: -

Dcar scholar,

You have been registered for the Ph. D. Examination in the subject Engineering (Civil Engineering), under Supervision of Prof. B.C Panda, IGIT, Sarang and Dr. R.R Pattanzik, Asso. Prof. CAET, OUAT, Bhubaneswar (Cosupervisor). The name of topic is "Effect of Shrinkage and Permeability Properties of Concrete Repair Materials on Bond Strength and Durability of Concrete Repair." and your registration number is 02-Eugg (Civil) -2017-18 & date of

1. You have to quote your registration number and date of registration in all your correspondences. registration - 18.02.2018.

- 2. Your place of Research Work is Indira Gandhi Institute of Technology, Sarang, Dhenkanal.
- 3. You can submit your Ph.D. Thesis after completion of 3 (three) years (Including Course Work in case the candidate fails to successfully complete the course work in first chance and successfully complete in 2nd chance the eligibility for submission of Ph.D. thesis shall be three and half year from the date of Registration) on presentation
- of pre-submission seminar and recommendation of DRC (Departmental Research Committee). Further you should have at least one publication of Research paper in referred journal and make two paper presentations in conferences/seminar before the submission of the thesis based on the findings of the research for adjudication and produce evidence for those in from of presentation certificate/ reprints. A certificate from the Head/ Principal/

Director is to be produced at the time of Ph.D. thesis submission. 4. You are required to submit the thesis within a period of 6 (Six) years from the date of registration failing which it

will be treated as cancelled. Relaxations of two years in maximum duration allowed to women candidates. 5. Ordinarily there shall be no change in the research topic after final registration.

6. All the scholar irrespective of department, whose date of registration to Ph.D. programme is on or after 18th February, 2018 have to deposit a mandatory processing fee of Rs. 500/- in shape of Bank Draft drawn in favour of comptroller of Finance, Utkal University, at the time of submission of naif yearly progress report to Controller of Examinations duly certified by supervisor and forwarded by chairperson, DRC (Departmental Research

- 7. As a regular Ph.D. stydent you have a mandatory of 2 (two) years of residency period in the place of research.
- 8. The candidate shall present the pre-submission seminar before the DRC (Departmental Research Committee) at least two months before the final submission. The feedback and comments obtained from DRC (Departmental Research Committee) may be suitable incorporated into the draft thesis. The period between the date of presubmission seminar and date of final submission of thesis shall not be more than three months.
- 9. The candidate is required to give in writing through supervisor to the office of the Controller of Examinations at least Six month before the date of Ph.D. Thesis submission.

10. Any suppression of facts or contravention to rule liable to cancellation of your registration.

- 11. You have deposited Rs. 1500/- vide B.C. / B.D. No. 867625 dated. 07.09.2021 and M.R. No. 4436 date. 08.09.2021
- towards fees for registration. 11 - Walter States

CONTROLLER OF Dalyd: 12.09.21

IONS

Meino No: - Exam. VII/ 18341 (5) /2021, Copy forwarded to:

1. Prof. B.C Panda, IGIT, Sarang (Supervisor)

2. Dr. R.R. Pattanaik, Asso. Prof. CAET, OUAT, Bhubaneswar (Co-subercisor) 3. Chairman, DRC, Engineering, Indira Gandhi Institute of Technology, Sarang, Dhenkanal for information.

CONTROLLER OF 2

- 4. Director R&D, Utkal University for information.
- 5. Section Officer EC-VI for information.



INDIRA GANDHI INSTITUTE OF TECHNOLOGY, SARANG, ODISHA

No. IGIT/PhD/3814(7)

Date: 20.12.2021

OFFICE ORDER

Provisional Registration (Enrollment) of Student for Ph.D Degree.

The undersigned is pleased to convey the approval of the DIRECTOR for Enrollment of the following candidate for the Ph.D. Degree.

- 1. Name of the Student: Mrs. Ipsita Dhar 2. Roll No: MED21405
- 3. Department: Mechanical Engineering

4. Date of Enrolment: 29.10.2021 5. Category of studentship: 04

6. Supervisor(s): (1) Prof.(Dr) B.B Choudhury, Prof. Mech Engg. (Principal Supervisor)

(2)Prof. (Dr) B. D Sahoo, Prof. & Head Mech. Engg. (Co-Supervisor)

- 7. Whether registering for Degree is Engineering/Science/Social Science/Management:
- 8. Broad Area of Research: Artificial Robotic Prosthetic Limb
- 09. Course Work Assigned: CI NI

1	Subject-Code	course ritte	Credits	Remarks
2		Research Methodology	4	
2		Research Publication Ethics	2	1
3	MSE-106	Robotic Control	2	
4	PRE-105	Computer Aided Design And Manufacturing	3	
5	THE-104	Optimization Method in Engineering	3	

Special conditions such as self-study courses may be mentioned in remarks column.

10. Effective date of Provisional Registration: 18.12.2021

11. Earliest date of Thesis submission: Two years from the Date of Registration (Not

12:20 Dean & PGS&R

Memo No. IGIT/PhD/3815 Copy to :

- 1. Student concerned (Through Head of the Department) 2. Head Mechanical Engineering Department
- 3. Supervisors
- 4. Employer:_

Dated : 20.12.2021

Dean, PGS&R





Revised

Dated: 13 . 6 . 23

No. Exam. VII / F From:

The Controller of Examinations, Utkal University, Vani Vihar, Bhubaneswar.

12535

To

Jenamani Chandrakanta Badajena Purusottam Nagar, Kajidiha, Madhupatana, Cuttack, Pin-753010.

Ph. D Registration. Sub: -

Dear scholar,

You have been registered for the Ph. D. Examination in the subject Engineering (Computer Science), under Supervisionof Dr. Srinivas Sethi, Asso. Prof. Department of Computer Science & Application, IGIT, Sarang. The name of topic is "Usability Studies on Signal Characteristics of Neuro-Computing Phenomenon: Brain Computer Interface." and your registration number is 05-Engg (Comp.Sc) -2017-18 & date of registration - 18.02.2018.

You have to quote your registration number and date of registration in all your correspondences.

/2023.

- 1. 2. Your place of Research Work is Indira Gandhi Institute of Technology, Sarang, Dhenkanal.
- 3. You can submit your Ph.D. Thesis after completion of 3 (three) years (Including Course Work in case the candidate fails to successfully complete the course work in first chance and successfully complete in 2nd chance the eligibility for submission of Ph.D. thesis shall be three and half year from the date of Registration)on presentation of pre-submission senjar and recommendation of DRC (Departmental Research Committee). Further you should have at least one publication of Research paper in referred journal and make two paper presentations in conferences/seminar before the submission of the thesis based on the findings of the research for adjudication and produce evidence for those in from of presentation certificate/ reprints. A certificate from the Head/ Principal/ Director is to be produced at the time of Ph.D. thesis submission.
- 4. You are required to submit the thesis within a period of 6 (Six) years from the date of registration failing which it will be treated as cancelled. Relaxations of two years in maximum duration allowed to women candidates.
- 5. Ordinarily there shall be no change in the research topic after final registration.
- 6. All the scholar irrespective of department, whose date of registration to Ph.D. programme is on or after 18th February, 2018
- have to deposit a mandatory processing fee of Rs. 500/- in shape of Bank Draft drawn in favour of comptroller of Finance, Utkal University, at the time of submission of half yearly progress report to Controller of Examinations duly certified by supervisor and forwarded by chairperson, DRC (Departmental Research Committee).
- 7. As a regular Ph.D. student you have a mandatory of 2 (two) years of residency period in the place of research.
- 8. The candidate shall present the pre-submission seminar before the DRC (Departmental Research Committee) at least two months before the final submission. The feedback and comments obtained from DRC (Departmental Research Committee) may be suitable incorporated into the draft thesis. The period between the date of pre-submission seminar and date of final submission of thesis shall not be more than three months.
- 9. The candidate is required to give in writing through supervisor to the office of the Controller of Examinations at least Six month before the date of Ph.D. Thesis submission.
- 10. Any suppression of facts or contravention to rule liable to cancellation of your registration.
- 11. You have deposited Rs. 200/- vide B.C. / B.D. No.425583 dated. 03.06.2023 and M.R. No.3211 date. 03.06.2023 towards fees for revised/ duplicate registration letter.

Memo No: - Exam. VII / E 12536 Copy forwarded to:

/2023.

- 1. Dr. Srinivas Sethi, Asso.Prof. Department of Computer Science & Application, IGIT, Sarang (Supervisor).
- 2. Chairman, DRC, Engineering, Indira Gandhi Institute of Technology, Sarang, Dhenkanalfor information.
- Director R&D, Utkal University for information. 3.
- Section Officer EC-VI for information. 4.

CONTROLLER OF EXAMINATIONS

13.6.23

ATIONS

CONTROLLER OF FXAMIN

Dated;



INDIRA GANDHI INSTITUTE OF TECHNOLOGY, SARANG, ODISHA

No. IGIT/PhD/3814(6)

Date: 20.12.2021

OFFICE ORDER

Provisional Registration (Enrollment) of Student for Ph.D Degree.

The undersigned is pleased to convey the approval of the DIRECTOR for Enrollment of the following candidate for the Ph.D. Degree.

- 1. Name of the Student: Mrs. July Randhari 2. Roll No: MED21404
- 3. Department: Mechanical Engineering
- 4. Date of Enrolment: 29.10.2021 5. Category of studentship: 04

6. Supervisor(s): (1)Prof. (Dr) S.K Senapati Prof. Mech Engg. (Principal Supervisor)

(2)Dr. P.K Mallik Asso. Prof.Mett. & Mat Engg.(Co-Supervisor)

- 7. Whether registering for Degree is Engineering/Science/Social Science/Management: Engineering.
- 8. Broad Area of Research: Bio Medical Engineering.

09. Course Work Assigned:

St. NO.	Subject-Code	course mile	Credits	Remarks
1		Research Methodology	4	Compulsory
2		Research Publication Ethics	2	Compulsory
3	OMT-301	Composite Materials	3	
4	MME-201	Biomaterials	5	Core
			3	Core
5	MME-206	Tribology of Materials	3	Core(Self
			and the second	study)

Special conditions such as self-study courses may be mentioned in remarks column.

10. Effective date of Provisional Registration: 18.12.2021.

11. Earliest date of Thesis submission: Two years from the Date of Registration (Not Enrollment).

Dean & PGS&R

Memo No. IGIT/PhD/3815

- Copy to:
- 1. Student concerned (Through Head of the Department)
- 2. Head Mechanical Engineering Department
- 3. Supervisors

4. Employer:

Dated: 20.12.2021



Form No. BPUT/Ph.D. / 02

Appendix-II

BIJU PATNAIK UNIVERSITY OF TECHNOLOGY, ODISHA APPLICATION FOR REGISTRATION FOR Ph.D.

To be submitted after the University declares the candidate to be eligible for registration

(To be filled in capital letters)

- 1. Name of the candidate : Krishna Chandra Patra
- 2. Father/Husband's Name : Hadu Bandhu Patra
- 3. Address for Correspondence :
- Present : At/Po- IGIT SARANG,Officer Hostel, Room No-10,Dhenkanal- 759146
- Permanent : At/Po- Balichai, Via- Nuagaon, Dist- Ganjam, Pin- 761111
 - Contact No. : 7978412029/8270046409
 - E-mail ID : kcpmechcvrce@gmail.com
- 4. Date of Birth : 28-03-1992
- (Supported by HSCE or equivalent certificate)

on (HSCE onwards) 5. Educational Qualit

Degree	University/ Board	Year of Passing	Class/ Division	subject(s)
10th	BSE	2007	1st ·	social science.science
12th	CHSE	2009	1st	Chemistry, Botany, Zoology Mechanical engineering
B-tech	BPUT	2013	1st	Mechanical engineering Machine Design &
M-tech	VSSUT	2016	1st	Analysis

6. (a) Work Experience (if any) : Assistant professor(consolidated) at IGIT Sarang

- (b) Nature of work experience : Teaching
- 7. Discipline & area in which research is to be conducted : Condition Monitoring
- 8. Proposed title of the Ph.D. thesis
- Condition based maintenance of machine elements using vibrational. analysis (tentatively)
- 9. Institution at which Ph.D. is to be pursued.

Ph.D

Indira Gandhi institute of technology, Sarang

10. Name, address, mobile No. & e-mail of the Supervisor(s)

Supervisor Name

Institution of Area of Highest Degree Affiliation Specialization

Dr. Rabinaraya Sethi Ph.D

I.G.I.T, Sarang Vibration, M/c Design, Condition Monitoring

manuicor	Institution of Area of
upervisor	Highest Degree Affiliation Specialization

Dr. Dhiren ku. Behera

Co-SI Name

I.G.I.T, Sarang

Supply chain Management, Industrial Engineer & Management, Reliability, Schedul Production Engineering

XKnishna chandra patra



Signatures of Consent

3

3

BIZ Supervisor (DR.B.B. CHOUDHURY)

Co-Supervisor

11. Permission of the Head of the Institution where work is proposed to be carried out.

Certified that the undersigned has no objection for providing necessary facilities of the Institute / Department to the candidate to pursue his Doctoral Research work as a registered candidate under Biju Patnaik University of Technology (BPUT), Odisha.

SEAL Signature Name of the Head of the Institute/Dept.

(i) I would be willing to work on the above subject. The entire results of the work 12. Undertaking by the Candidate shall be the joint intellectual property of the University, the above supervisor(s) &

(ii) Certified that the subject proposed for the Ph.D. work has not been submitted to any other University/Institute for registration for Ph.D./D.Sc./D.Litt degree; in case facts to the contrary are found, I would be willing to quit the system.

Sughil kurvar Sahos Signature of the Candidate DL 14-02-2020





INDIRA GANDHI INSTITUTE OF TECHNOLOGY, SARANG, ODISHA

No. IGIT/PhD/3814(4)

Date: 20.12.2021

OFFICE ORDER

Provisional Registration (Enrollment) of Student for Ph.D Degree.

The undersigned is pleased to convey the approval of the DIRECTOR for Enrollment of the following candidate for the Ph.D. Degree.

- 1. Name of the Student: Mrs. Krushnashree Sushree Sangita Sahoo 2. Roll No: MED21402
- 3. Department: Mechanical Engineering.
- 4. Date of Enrolment: 29.10.2021 5. Category of studentship: 04
- 6. Supervisor(s): (1) (Dr) A. Gupta, Asst. Prof. Mech Engg. (Principal Supervisor)

 $(2)_{-}$

(Co-Supervisor)

- 7. Whether registering for Degree is Engineering/Science/Social Science/Management: Engineering.
- 8. Broad Area of Research: Performance and emission characteristics of single Cylinder DICI Engine using different alcoholic fuel with commercial diesel with different exhaust muffler geometry.

09. Course Work Assigned:

Sl. No.	Subject-Code	Course Title	Credits	Remarks
1		Research Methodology	4	Compulsory
2		Research Publication Ethics	2	Compulsory
3	THC-101	Thermodynamic and combustion	3	Core
4	THC-102	I C Engine combustion and pollution	3	Core
5	THE-104	Optimization Method in Engineering	3	Core(Self
6	THC-201	Advanced Heat Transfer	3	study) Core

Special conditions such as self-study courses may be mentioned in remarks column.

10. Effective date of Provisional Registration: 18.12.2021

11. Earliest date of Thesis submission: Two years from the Date of Registration (Not Enrollment).

Dean & PGS&F

Memo No. IGIT/PhD/3815 Copy to :

- 1. Student concerned (Through Head of the Department)
- 2. Head Mechanical Engineering Department

カンシリ

- 3. Supervisors
- 4. Employer:

Hollow Tal Sont

Dated: 20.12.2021





No. Exam. VII / From:

The Controller of Examinations, Utkal University, Vani Vihar, Bhubaneswar.

To

Monalisa Navak

Qr No- D/3, Rengali Irrigation Colony, Baghuabol, Talcher, Pin-759100.

18344.

Ph. D Registration. Sub: -

Dear scholar,

You have been registered for the Ph. D. Examination in the subject Engineering (Electronic & Telecommunication), under Supervision of Prof. Urmila Bhanja, IGIT, Sarang and Dr. Manas Ranjan Senapati, Asso. Prof. VSSUT, Burla (Cosupervisor). The name of topic is "Application of Soft Computing Techniques for Mining Similarities in Multi Class Patterns." and your registration number is 03-Engg (E& TC) -2017-18 & date of registration - 18.02.2018.

- 1. You have to quote your registration number and date of registration in all your correspondences.
- Your place of Research Work is Indira Gandhi Institute of Technology, Sarang, Dhenkanal.
- 3. You can submit your Ph.D. Thesis after completion of 3 (three) years (Including Course Work in case the candidate fails to successfully complete the course work in first chance and successfully complete in 2nd chance the eligibility for submission of Ph.D. thesis shall be three and half year from the date of Registration) on presentation of presubmission seminar and recommendation of DRC (Departmental Research Committee). Further you should have at least one publication of Research paper in referred journal and make two paper presentations in conferences/seminar before the submission of the thesis based on the findings of the research for adjudication and produce evidence for those in from of presentation certificate/ reprints. A certificate from the Head/ Principal/ Director is to be produced at the time of Ph.D. thesis submission.
- 4. You are required to submit the thesis within a period of 6 (Six) years from the date of registration failing which it will be treated as cancelled. Relaxations of two years in maximum duration allowed to women candidates.
- 5. Ordinarily there shall be no change in the research topic after final registration.

6. All the scholar irrespective of department, whose date of registration to Ph.D. programme is on or after 18th February,

2018 have to deposit a mandatory processing fee of Rs. 500/- in shape of Bank Draft drawn in favour of comptroller of Finance, Utkal University, at the time of submission of half yearly progress report to Controller of Examinations duly certified by supervisor and forwarded by chairperson, DRC (Departmental Research Committee).

- 7. As a regular Ph.D. student you have a mandatory of 2 (two) years of residency period in the place of research.
- The candidate shall present the pre-submission seminar before the DRC (Departmental Research Committee) at least two months before the final submission. The feedback and comments obtained from DRC (Departmental Research 8. Committee) may be suitable incorporated into the draft thesis. The period between the date of pre-submission seminar and date of final submission of thesis shall not be more than three months.
- The candidate is required to give in writing through supervisor to the office of the Controller of Examinations at least 9. Six month before the date of Ph.D. Thesis submission.

- 10. Any suppression of facts or contravention to rule liable to cancellation of your registration. 11. You have deposited Rs. 1500/- vide B.C. / B.D. No. 320983 dated. 04.09.2021 and M.R. No. 4438 date. 08.09.2021
- towards fees for registration.

CONTROLLER O Dated: 12.09 21

Dated: 17.09.21

Memo No: - Exam. VII / 8347 (5) /2021, Copy forwarded to:

- 1. Prof. Urmila Bhanja, IGIT, Sarang (Supervisor).
- 2. Dr. Manas Ranjan Senapati, Asso. Prof. VSSUT, Burla (Co-supervisor). Chairman, DRC, Engineering, Indira Gandhi Institute of Technology, Sarang, Dhenkanal for information.
- 3.
- Director R&D, Utkal University for information. 4
- Section Officer EC-VI for information. 5.

CONTROLLER OF E



INDIRA GANDIII INSTITUTE OF TECHNOLOGY, SARANG, ODISHA

OFFICE ORDER

ENROLMENT OF Ph.D. STUDENT

	T/PhD/ ndersignedisplensedtoeonveyen	olmento	Ahefollowi	Date:17. Date:17.		
1.	RollNo.allotted	:	MED			
2.	Datcol Enrolment	:	17.08.2022			
3.	AcademicProgramme	:	Ph.D			
4.	Nameof Candidate	:	.Mr. Name	etKumar Sethy		-'
5.	Father's /Husband'sName	:	Mr. Nalini	canta Sethy		
6.	PermanentAddress	:	Semiliguda	College,Kalinganagar,Korapu	t,Odisha-764036	
7. (a)	Date ofBirth : 31.03.1992		(b)BloodG	roup: Λ+ (c) Ntionality: India	n	
8.	Departmentof which admitted:		Chemical 1	Engineering		
9.	Category		: SC			
10.	Categoryofstudentship	:	03 Full Ti	me Student without Fellowship)	
11.	Highest Academicqualification	:	M.Tcch			
12.	Hallallotted	; /				
13.	Permitted to stay outsidehall:	restato				
14.	: (1Dr (2)	Dhiren K	lumar Behe	ra,Asso.Prof.Mech.Engg. (PrincipalSupervisor) Co-Supervisor)	
15. 16.	 For sponsored student: (a) PlaceofEmployment: (b) The student is / is not perrequirements. Doctoral Scrutiny Committee 			rawal after satisfying the cou	rse and residence	
	1. Dr β.D.Sahoo,Prof.& HC	D Mech	.Engg	Chairman [. if HOD is super	visor]	
	2. Dr.Dhiren Kumar Behera			Principal Supervisor		
	,Asso.,ProfMech.Engg.					
	3.	-		Co-Supervisor		
	4. Dr.A. Gupta,Ast.Prof.Mc	00		Member		
	5. Dr. P.K. Milik, Asso., Pro	f. Mett.&	£	Member		
	Mat.Engg		• .			
	6. Dr.Sourav Datta, Asso.,	Professor	in Mech.	Member		
17.	Engg., NIT,Rourkela. The Chairman, DSC is reque other actions as per Ph.D. re	sted to l gulation.	old the me	cting of the DSC with assign		2
Сору	lo:				00-1-09	8.20
					Dean, PGS&R	
1. 2.	Student concerned All members of DSC		5. G.	Prof. I/c IGIT, Library (For sponsored students) Er		

Head, Department of Dean, Students' Welfare 3.

...





INDIRA GANDHI INSTITUTE OF TECHNOLOGY, SARANG, ODISHA

No. IGIT/PhD/ 55

Date: 12.9.2022

OFFICE ORDER

Provisional Registration (Enrollment) of Student for Ph.D Degree.

The undersigned is pleased to convey the approval of the DIRECTOR for Enrollment of the following candidate for the Ph.D. Degree.

Name of the Student: Pritam Priyadarsana . Roll No: MTD22301

- 1. Department: Metallurgial & Materils Enginering
- 2. Date of Enrolment: 17.8.2022. Category of studentship: 03 Full time Student without

Fellowship a.

(1) Dr. P.K. Mallik, Asso Prof Met. & Mat Engg. (Principal Supervisor) Supervisor(s):

(2)

Co-supervisor

- 6. Whether registering for Degree is Engineering/Science/Social Science/Management Engineering
- 7. Broad Area of Research: Waste to Energy

	se Work Assigne Subject-Code		Credits	Remarks
	DCME 101	Research Methodology	4	
2	DCME 102	Research Publication & Ethics	2	
3	MMC 101	Advanced Physical Metallurgy	3	
4	MME 202	Nano Materials	3	
5	MME 206	Tribology of Materials	3	
6				

Special conditions such as self-study courses may be mentioned in remarks column.

10. Effective date of Provisional Registration 17.8.2022

11. Earliest date of Thesis submission: Two years from the date of Registration (Not Enrolment

Memo No. IGIT/PhD/56 Copy to:

- 1. Student concerned (Through Head of the Department)
- 2. Head Mechanical Engineering Department
- 3. Supervisors
- 4. Employer:_

Post Graduate Studies & Reasearch (PGS&R) Indira Gandhi Institute of Technology Sarang, Dhenkanal, Odis

Dean & PGS&R

Dean, PGS&R

D

DEAN Post Graduate Studies & Reasearch (PGS&R) Indira Gandhi Institute of Technology Sarang, Dhenkanal, Odisha

RLA Form: VSSUT/PGSR/606	علم المحال علم المحال المحا المحال المحال المحال المحال المحال المحال المحال المحال المحال المحا محال محال المحال المحال محال المحال محال	HAT	ence requirements. 55.1. Prod T. B. u. a. a. A. S. a. n. B.	k and other actions as per Dean, PGS&RS1 YPer	address): Dean, PGS&R vs12/2020
VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY, BURLA OFFICE ORDER	No: VSSUT/PGSR I O U ENROLMENT OF Ph.D. STUDENT The undersigned is pleased to convey the enrollment of the following student in the Research Programme of the Institute: Date: 25 0.3 3.0 bb 1. Name of Candidate Date: 25 0.3 3.0 bb 2. Name of Candidate Date: 25 0.3 3.0 bb 3. Department to which admitted Date: 25 0.3 3.0 bb 4. Department to which admitted Dob filled by the candidate 5. Department to which admitted DOOOO.2 6 Date: 3.0 0.10.1,0.00.0.2 DOOO.2 7. Permanent Address DOOO.2 8 Defeattor DOOO.2 9 DOOO.2 DOOO.2 10 DOOO.2 DOOO.2 11 Permanent Address DOOO.2	PIT CHHACHINA RU NUAHAT DIST KENJRARARA RUN-7541289 ODISHA OH JOS /1985 GIEN CSIEN DAY SCHOLAR NJECH NJA	 (b) The student is / is not permitted to take withdrawal after satisfying the course and residence requirements. Name & Address of the Supervisors : 1. D.S. R. P. Doullach, ASST, Prod. D. e. P.T. Of M.E., NSSNT, B.U. Cha. D. e. P.T. Of D. e. P.T. Of M.E., NSSNT, B.U. Cha. Doctoral Scrutiny Committee of the student: HOD of MME Deptt. is Chairman [or Dr.] 	2. Dor 2. Dor 10. MME Principal Supervisor 3. Dor 2. Nonlice MME Co-Supervisor 4. Dor 5. K. Monte Member 6. Member Member Member Member 7. Dor signing course work and other actions as per procession Member Member Member Member Member Member Member Ph.D regulation. Member Member Member Member Member Member Member Member Member Ph.D regulation. Member Member Member Member Member Member Member Member Member Ph.D regulation. Member Member Member Member Member Member Member Member Me	Prof. I/c VSSUT, Library For sponsored students(Employer with address):
VEER SURENDRA SAI	SSUT/PGSR/ 10 49 / lersigned is pleased to convey the enrollment of Name of Candidate (To be 1) Registration No. Department to which admitted Date of Enrolment Father's Name Permanent Address	EN) thip (1-9) ualification V Scholar tt :	(b) The student <u>is / is not</u> permitted to take withdraw Name & Address of the Supervisors : 1. [2] Doctoral Scrutiny Committee of the student: 1. HOD of MMF Deptt. is Chairm fHOD is Supervisor till he/she is in Headship	N. S. P. Dalai (NME) S. K. Mallick (NME) M. Sutan man, DRC is requested to hold the meeting ation. SR/ 1050(3) 20	cerned 5. Prof. I/c s of DRC 6. For spons timent of MMF 6. For spons int's Welfare Λ loght Rowlow
	No:VSSUT The undersign 1. Nam 2. Regi 3. Depa 4. Date 5. Fathe 6. Permi	 7. Date (8. Catego 9. Catego 10. Higher 11. Regula 11. Regula 12. For spo (a) Pla 	12. (b) The f 13. Name & 13. Doctoral 14. Doctoral if HOD i	15. The Chairman, DRC is requered. Ph.D regulation.	itudent con kli member lead, Depa ean, Stude

T

19/15



Date: 20.12.2021

INDIRA GANDHI INSTITUTE OF TECHNOLOGY, SARANG, ODISHA

No. IGIT/PhD/3814(3)

OFFICE ORDER

Provisional Registration (Enrollment) of Student for Ph.D Degree.

The undersigned is pleased to convey the approval of the DIRECTOR for Enrollment of the following candidate for the Ph.D. Degree.

1. Name of the Student: Prasant Ranjan Dhal 2. Roll No: MED21401

3. Department: Mechanical Engg.

- 4. Date of Enrolment: 29.10.2021 5. Category of studentship: 04
- 6. Supervisor(s): (1) Prof(Dr) B.B Choudhury, Prof. Mech Engg. (Principal Supervisor)
 - (Co-Supervisor) (2)____
- 7. Whether registering for Degree is Engineering/Science/Social Science/Management: Engineering.
- 8. Broad Area of Research: Mobile Robert Design And Its Application
- 09. Course Work Assigned:

Subject-Code	Course Title	Credits	Remarks
		4	A Martine and
	Research and Publication Ethics	2	
THE-104	Optimization Methods In Engineering	3	
		3	
MEE 106	Robotic Control	3	
	THE-104 PRE-105	Research Methodology Research and Publication Ethics THE-104 Optimization Methods In Engineering PRE-105 Computer Aided Design and Manufacturing	Research Methodology 4 Research and Publication Ethics 2 THE-104 Optimization Methods In Engineering 3 PRE-105 Computer Aided Design and Manufacturing 3

Special conditions such as self-study courses may be mentioned in remarks column.

10. Effective date of Provisional Registration: 18.12.2021

11. Earliest date of Thesis submission: Two years from the Date of Registration (Not Enrollment).

Dean & PG5&R

Dated : 20.12.2021

1

Memo No. IGIT/PhD/3815

1. Student concerned (Through Head of the Department)

- 2. Head Mechanical Engineering Department
- 3. Supervisors
- 4. Employer:

Dean, BG

ERSITY UTKAL VANI VIHAR, BHUBANESWAR-751004.

No. Exam. VII / From:

/2021,

Dated: 2.9/102

The Controller of Examinations, Utkal University, Vani Vihar, Bhubaneswar.

20511

То

Samita Padhi C/o- Abhiram Padhi, Plot No-420(4), Nayapalli Nuasahi, Bhubanéswar-12.

Ph. D Registration. Sub: -

You have been registered for the Ph. D. Examination in the subject Engineering (Electrical), under Supervision of Prof. Dear scholar, B.P Panigrahi, Department of Electrical Engineering, IGIT, Sarang and Prof. Debaprasad Dash, Govt. College of Engineering, Kalahandi (Co-supervisor). The name of topic is "Application of Optimal Scheduling with Non-conventional Energy Sources using Bio Inspired and Nature based Optimization Methods." and your registration number is 07-Engg

- (Electrical) -2017-18 & date of registration 18.02.2018. 1. You have to quote your registration number and date of registration in all your correspondences.
 - 2. Your place of Research Work is Indira Gandhi Institute of Technology, Sarang, Dhenkanal.

 - 3. You can submit your Ph.D. Thesis after completion of 3 (three) years (Including Course Work in case the candidate fails to successfully complete the course work in first chance and successfully complete in 2nd chance the eligibility for submission of Ph.D. thesis shall be three and half-year from the date of Registration) on presentation of pre-submission seminar and recommendation of DRC (Departmental Research Committee). Further you should have at least one publication of Research paper in referred journal and make two paper presentations in conferences/seminar before the submission of the thesis based on the findings of the research for adjudication and produce evidence for those in from of presentation certificate/ reprints. A certificate from the Head/ Principal/ Director is to be produced at the time of

4. You are required to submit the thesis within a period of 6 (Six) years from the date of registration failing which it will be treated as cancelled. Relaxations of two years in maximum duration allowed to women candidates.

- 5. Ordinarily there shall be no change in the research topic after final registration.
- 6. All the scholar irrespective of department, whose date of registration to Ph.D. programme is on or after 18th February,
- 2018 have to deposit a mandatory processing fee of Rs. 500/- in shape of Bank Draft drawn in favour of comptroller of Finance, Utkal University, at the time of submission of half yearly progress report to Controller of Examinations duly certified by supervisor and forwarded by chairperson, DRC (Departmental Research Committee). 7. As a regular Ph.D. student you have a mandatory of 2 (two) years of residency period in the place of research.
- The candidate shall present the pre-submission seminar before the DRC (Departmental Research Committee) at least two months before the final submission. The feedback and comments obtained from DRC (Departmental Research 8. Committee) may be suitable incorporated into the draft thesis. The period between the date of pre-submission seminar and date of final submission of thesis shall not be more than three months.
- The candidate is required to give in writing through supervisor to the office of the Controller of Examinations at least 9. Six month before the date of Ph.D. Thesis submission.
- 10. Any suppression of facts or contravention to rule liable to cancellation of your registration.
- 11. You have deposited Rs. 1500/- vide B.C. / B.D. No. 868498 dated. 08.10.2021 and M.R. No. 5826 date. 11.10.2021 towards fees for registration.

CONTROLLER OF EXAMINATIONS Dated 20, 10.25 20516 (5) /2021,

- Copy forwarded to: 1. Prof. B.P Panigrahi, Department of Electrical Engineering, IGIT, Sarang (Supervisor).
 - 2. Prof. Debaprasad Dash, Govt. College of Engineering, Kalahandi (Co-supervisor)
 - 3. Chairman, DRC, Engineering, Indira Gandhi Institute of Technology, Sarang, Dhenkanal for information.
 - 4. Director R&D, Utkal University for information.
 - 5. Section Officer EC-VI for information.

Memo No: - Exam. VII /

CONTROLLER OF EXAMINATIONS



J

Form: IGIT/ PhD/ 07

		1
INDIRA GANDHI INSTITUTE OF TECHNOL	OGY, SARANG, ODISHA	
APPLICATION FOR PROVISIONAL REGISTRATION (EI		Ph.D
PROGRAMME (This form must be submitted within one month of	a student joining the programme)	
1. Name of the Department: <u>Chemical Engin</u>		
2. Name of the Student: <u>Sarat</u> chandra		(da) (da)
3. Roll Number: CHD22-301 4. Date of Enrolment:	17.08.2022	n an
5. Caste Status: <u>General</u> 6. Category of studen 7. Broad Area of Research proposed: <u>Carbon(C)</u> <u>Nanocomposites</u>	tship: Full Time without filled polypropylene	CF
8. Brief description of research work proposed. (To be filled jo sheet) $ReFer Annexure-1$ 9. Major equipment/ facilities necessary to carry out the p filled jointly by the student and the supervisor(s) on separat	project and means of obtaining them.	(To l
10. Research work already completed by the student (if any)	(Attach published or unpublished docume	ent) [']
Literature Review is	going on along with)
Research WORK.	<u>→ 0</u> 0	
11. Request for early submission (if any) based on work alread	dy done:mon	ths.
(Relevant documents enclosed.) 12. <u>for sponsored students only (as per original application)</u> Does the student intend to carryout his/her work at the p		ths.
 (Relevant documents enclosed.) 12. <u>for sponsored students only (as per original application)</u> Does the student intend to carryout his/her work at the p 13. Proposed place of work:		ths.
 (Relevant documents enclosed.) 12. <u>for sponsored students only (as per original application)</u> Does the student intend to carryout his/her work at the p 13. Proposed place of work:		ths.
 (Relevant documents enclosed.) 12. <u>for sponsored students only (as per original application)</u> Does the student intend to carryout his/her work at the p 13. Proposed place of work:		ths.
 (Relevant documents enclosed.) 12. <u>for sponsored students only (as per original application)</u> Does the student intend to carryout his/her work at the p 13. Proposed place of work:	place of employment? Yes/No.	ths.
 (Relevant documents enclosed.) 12. <u>for sponsored students only (as per original application)</u> Does the student intend to carryout his/her work at the p 13. Proposed place of work:	place of employment? Yes/No.	ths.
 (Relevant documents enclosed.) 12. <u>for sponsored students only (as per original application)</u> Does the student intend to carryout his/her work at the p 13. Proposed place of work:	olace of employment? Yes/No.	ths.
 (Relevant documents enclosed.) 12. for sponsored students only (as per original application) Does the student intend to carryout his/her work at the p 13. Proposed place of work:	olace of employment? Yes/No.	
 (Relevant documents enclosed.) 12. for sponsored students only (as per original application) Does the student intend to carryout his/her work at the period of the student intend to carryout his/her work at the period of the student intend to carryout his/her work at the period of the student intend to carryout his/her work at the period of the supervisor (s): 1. Date of commencement of Research work: 	olace of employment? Yes/No.	1
 (Relevant documents enclosed.) 12. for sponsored students only (as per original application) Does the student intend to carryout his/her work at the period of the student intend to carryout his/her work at the period of the student with the period of the student with date: 14. Facilities available :	olace of employment? Yes/No.	1
 (Relevant documents enclosed.) 12. <u>for sponsored students only (as per original application)</u> Does the student intend to carryout his/her work at the period of the student intend to carryout his/her work at the period of the student intend to carryout his/her work at the period of the student intend to carryout his/her work at the period of the student with date: 14. Facilities available : 15. Plan of residence on campus: 16. Signature of student with date: 16. Signature of student with date: 16. Signature of student with date: 17. Date of commencement of Research work: 	olace of employment? Yes/No.	
 (Relevant documents enclosed.) 12. <u>for sponsored students only (as per original application)</u> Does the student intend to carryout his/her work at the period of the student intend to carryout his/her work at the period place of work: (For category 8) 14. Facilities available :	olace of employment? Yes/No.	

Recommendation of the Doctoral Scrutiny Committee:

The DSC is satisfied that the proposed programme is prima facie, feasible to implement and adequate for the degree intended. Hence the DSC recommends for Enrollment of the candidate for Ph.D. programme.

Course work recommended :	n lang di ngaging di nang kang di ngaging di ngaging di ngaging di ngaging di ngang di ngaging di ngang di nga	Credits	Remarks 1
No. Subject-Code Course Title		4	
1 DCME101 Research	Methodology Ethics	2	11.01.00
	Publication Ethics	3	Sertst
3 CHE105 Polymer	Technology	3	and the state of the state
4 CHC101 Advanced	Magg Transfer d Fluid Dynamics	3	urse Credits =
	ed: Not Applicable	сари (П Гари Сра	DSC Member) T.K. Swain irman, DSC i Pa Dag
		(Head of	the Department)
Based on the recommendation of t for Ph.D. is recommended to Acad	<u>For Office use</u> he DSC the candidates provisional emic Council through RPEC for co	l registration	
for Ph.D. is recommended to Acad	the DSC the candidates provisional	l registration nsideration.	
Based on the recommendation of t for Ph.D. is recommended to Acad <u>Recommendation of the RPEC:</u>	the DSC the candidates provisional	l registration nsideration.	ı (Enrollment)
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- 2



INDIRA GANDHI INSTITUTE OF TECHNOLOGY, SARANG, ODISHA

No. IGIT/PhD/

Date: 12.9.2022

OFFICE ORDER

Provisional Registration (Enrollment) of Student for Ph.D Degree.

The undersigned is pleased to convey the approval of the DIRECTOR for Enrollment of the following candidate for the Ph.D. Degree.

Name of the Student: Sarat Chandra Patra . Roll No: CHD22301

- 1. Department: Chemical L Enginering
- 2. Date of Enrolment: 17.8.2022. Category of studentship: 03 Full time Student without Fellowship
- Engg. (Principal a. (1) (Dr) Harekrishna Sutrar, Asst . Prof Chemical 3. Supervisor(s): Supervisor)
 - (2) Dr. Himadri Sahu, Asst. Prof. Chemical Engg. PMEC, Berhampur
- 6. Whether registering for Degree is Engineering/Science/Social Science/Management Engineering
- 7. Broad Area of Research: Carbon © Filled Polypropylene (PP)Nanocomposites.

	se Work Assigner		Credit	ts	Remarks
		Research Methodology	4		
2	DCME 102	Research Publication & Ethics	2		
3	CHE 105	Polymer Technology	3		
4	CHC 101	Advanced Mass Transfer	3		
5	CHC 102	Advanced Fluid Dynamics	3		新 网络加州
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Special conditions such as self-study courses may be mentioned in remarks column.

10. Effective date of Provisional Registration 17.8.2022

11. Earliest date of Thesis submission: Two years from the date of Registration (Not Enrolment)

Memo No. IGIT/PhD/ 56 Copy to:

- 1. Student concerned (Through Head of the Department)
- 2. Head Chemical Engineering Department 3. Supervisors
- 4. Employer:_

2022 DEAN

Post Graduateddites & Baragareth POSter Indira Gandhi Institu to of Technology Sarang, Dhenkanai, Odisha

j. 2022 Dean, PGS&R

DEAN Post Graduate Studies & Reasearch (PGS&F Indira Gandhi Institute of Technology Sarang, Dhenkanal, Odisha



INDIRA GANDIII INSTITUTE OF TECHNOLOGY, SARANG, ODISHA

OFFICE OPDED

No: (GIT7Ph/p) ENROLMENT OF Ph.D. STUDENT The cundersignedispleacedioconveyenrolmentofhefollowingstudentinter(SecarchProgramme of theInstitute: Date: 17.08.2022 AcademicProgramme : 1 p p p p p AcademicProgramme : 17.08.2022 AcademicProgramme : 17.08.2022 AcademicProgramme : Ph.D Mamoof Candidate : Sarat Chandra Patra Father's /Husband'sName : Mr. Bipin Bihari Patra PermanentAddress : Tentuidiha, Khanta, Khurda, Odisha-752030 7. (a) Daite ofBirth : 04.06.1994 (b)BloodGroup: O+ (c) Ntionality: Indian 8. Departmentof which admitted: Chemical Engineering 9. Category :	×		
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 Highest Academicqualification: M.Tech Hallallotted Permitted to stay outsidehall: Yes/No (1) Primitted to stay outsidehall: Yes/No (2) Dr.Himadri Sahu, Asst.Prof.Chem.Engg. (<i>PrincipalSupervisor</i>) (Subject to approval the Academic Courcil) (a) PlaceofEmployment: approval the Academic Courcil) (b) The student is / is not permitted to take withdrawal after satisfying the course and residence requirements. (b) The student is / is not permitted to take withdrawal after satisfying the course and residence requirements. (c) Doctoral Scrutiny Committee of the student: (d) PlaceofEmployment: (D) Dipa Das, Asst.Prof. & HOD. Chairperson Prof [. if HOD is supervisor] 2 Dr.Harekrushna Sutar, Asst., Professor. Principal Supervisor 3. Dr.Himadri Sahu, Asst.Prof. (Chemical Engg. Co-Supervisor (Subject to approval) 4. Dr.Anup Kumar Swain, Asst.Prof Member 5. Dr. Anand Gupta, Asst.Prof.Mech.Engg. Member 6. Dr.(Mrs) Abanti Sahu, Professor Member 7. Dr. (Mrs) Abanti Sahu, Professor Member 8. Dr. (Mrs) Abanti Sahu, Professor Member 9. Dr. (Mrs) Abanti Sahu, Professor Member 10. Chemical Engg., NIT, Rourkela 11. The Chairman, DSC is requested to hold the meeting of the DSC with assigning course work and other actions as per Ph.D. regulation. Copy to: 12. Student concerned 23. Gr. Mc IGIT, Library 24. Brathenet of for the formation of the transmittee of the difference of the d	9.	Category :	General
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Indira Gandhi Institute of Technology, Sarang Chemical Engineering Department

Date: 28.12.2022 Reference Number: 10117/CHE/137-

To

The HOD Mechanical Engineering

S.

Concerned teacher of the PhD course work title "Research Methodology (DCME 101) and Research Publication & Ethics (DCME 102)"

Dear Sir, for your information Mr. Sarat Chandra Patra is the PhD scholar of chemical engineering department. His roll number is CHD22301 and his date of enrolment is 17.08.2022. He is assigned five course work subjects as listed in order no. IGIT/PhD/55 dated 12.09.2022 from Dean PGSR office. The order is attached for your reference. So he should be allowed to attend the classes of the above listed subjects.

Co. or Load (ph. D)

COPY TO: CHEMISTRY.

Ph.D. Supervisor Subar Dr. Horewrushna Dr. Horewrushna 28/12/22

All Course and the State

1

Dr Dipà Das HOD Chemical Engineering



	INDIRA GANDHI INSTITUTE OF	TECHNOLOGY, SARANG, ODISHA
No. IC	SIT/PhD/2Y/	Date: 21.6-2022

OFFICE ORDER

Provisional Registration (Enrollment) of student for Ph.D. Degree

The undersigned is pleased to convey the approval of the DIRECTOR for Enrollment of the following candidate for the Ph.D. Degree.

- 1. Name of the Student: MR. SHANKHA SHUBHRA GOSWAMI 2. Roll No: MED19701
- 3. Department : MECHANICAL ENGINEERING, IGIT Sarang
- 4. Date of Enrolment: 06/10/2020 Category of studentship: NDF PhD Research Scholar
- 6. Supervisor(s): (1) Dr. Dhiren Kumar Behera, Associate Professor, Department of Mechanical Engineering, IGIT, Sarang (Principal Supervisor)
 - (2) XXXXXX (Co-Supervisor)
- 7. Whether registering for Degree is Engineering/Science/Social Science/Management. Engineering
- 8. Broad Area of Research: Multi-Criteria Decision Making as an Effective Tool for Solving Various Complex Decision Making Problems Under Uncertainty

9. Course Work Assigne 51.No. Subject-Code	Course Title	Credits	Remarks
	Research Methodology	4	15 Weeks
2	Data Analysis and Decision Making-I	4	12 Weeks
	Decision Support System for Managers	4	12 Weeks
3	Research & Publication Ethics	2	04 Weeks

Special conditions such as self-study courses may be mentioned in remarks column.

10. Effective date of Provisional Registration: 16/10/2020 11. Earliest date of Thesis submission: Two Years from the Date of Registration

Memo No.IGIT/PhD/ 24 Copy to:

Dean, PGS&R Dated : 21.6.2022

1. Stydent concerned (Through Head of the Department)

2. Head, Mechanical Engineering IGIT Sarang Department

3. Supervisor(s): Dr Dhiren Kumar Behera, Associate Professor, Mech Engg, IGIT, Sarang

4. Employer: NA

Post Graduate Studies & Respirarch (P688 Indira Ganehi Institute of Technology Salang, Bheattard, Odisha



Signatures of Consent

Fre the

Supervisor

Co-Supervisor Dhiren Kumar Beher

2-917,

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Permission of the Head of the Institution where work is proposed to be carried out.

Certified that the undersigned has no objection for providing necessary facilities of the Institute / Department to the candidate to pursue his Doctoral Research work as a registered candidate under Biju Patnaik University of Technology (BPUT), Odisha.

Director

Name of the Head of the Institute/Dept Institute of Inchanted Same of the Head of the Institute/Dept Inentanal, Odisha 759145 SEAL Signature

12. Undertaking by the Candidate

(i) I would be willing to work on the above subject. The entire results of the work shall be the joint intellectual property of the University, the above supervisor(s) &

(ii) Certified that the subject proposed for the Ph.D. work has not been submitted to any other University/Institute for registration for Ph.D./D.Sc./D.Litt degree; in case facts to the contrary are found, I would be willing to quit the system.

Krishna chandra patra Signature of the Candidate

X Knowna Chandra patra





No. Exam. VII /E-From:

The Controller of Examinations, Utkal University, Vani Vihar, Bhubaneswar,

366

То

Soumya Prakash Patra D-178, Nalco Nagar, Angul, Mob- 9437499255.

Sub: -Ph. D Registration.

Dear scholar,

You have been registered for the Ph. D. Examination in the subject Engineering (Electrical), under Supervision of Prof. Bibhu Prasad Panigrahi, Department of Electrical Engineering, IGIT, Sarang and Prof. Bidyadhar Subudhi, Department of Electrical Engineering, IIT Goa, GEC Campus (Co-supervisor). The name of topic is "Optimal Distributed Generation Allocation for Improvement in Reliability and Voltage Profile in Power Distribution Network." and your registration number is 09-Engg (Electrical -2017-18 & date of registration - 18.02.2018.

- 1. You have to quote your registration number and date of registration in all your correspondences.
- 2. Your place of Research Work is Indira Gandhi Institute of Technology, Sarang, Dhenkanal.
- 3. You can submit your Ph.D. Thesis after completion of 3 (three) years (Including Course Work in case the candidate fails to successfully complete the course work in first chance and successfully complete in 2nd chance the eligibility for submission of Ph.D. thesis shall be three and half year from the date of Registration)on presentation of pre-submission seminar and recommendation of DRC (Departmental Research Committee). Further you should have at least one publication of Research paper in referred journal and make two paper presentations in conferences/seminar before the submission of the thesis based on the findings of the research for adjudication and produce evidence for those in from of presentation certificate/ reprints. A certificate from the Head/ Principal/ Director is to be produced at the time of Ph.D. thesis submission.
- 4. You are required to submit the thesis within a period of 6 (Six) years from the date of registration failing which it will be treated as cancelled. Relaxations of two years in maximum duration allowed to women candidates.
- 5. Ordinarily there shall be no change in the research topic after final registration.
- 6. All the scholar irrespective of department, whose date of registration to Ph.D. programme is on or after 18th February, 2018 have to deposit a mandatory processing fee of Rs. 500/- in shape of Bank Draft drawn in favour of comptroller of Finance, Utkal University, at the time of submission of half yearly progress report to Controller of Examinations duly certified by supervisor and forwarded by chairperson, DRC (Departmental Research Committee).
- 7. As a regular Ph.D. student you have a mandatory of 2 (two) years of residency period in the place of research.
- 8. The candidate shall present the pre-submission seminar before the DRC (Departmental Research Committee) at least two months before the final submission. The feedback and comments obtained from DRC (Departmental Research Committee) may be suitable incorporated into the draft thesis. The period between the date of pre-submission seminar and date of final submission of thesis shall not be more than three months.
- 9. The candidate is required to give in writing through supervisor to the office of the Controller of Examinations at least Six month before the date of Ph.D. Thesis submission.
- 10. Any suppression of facts or contravention to rule liable to cancellation of your registration.
- 11. You have deposited Rs. 1500/- vide B.C. / B.D. No.148355 dated. .31.01.2024 and M.R. No.9216, date. 31.01.2024 towards fees for registration. CONTROLLER OF EXAMINATIONS

/2024,

Memo No: - Exam. VII /E- 3655 Copy forwarded to:

1. Prof. Bibhu Prasad Panigrahi, Department of Electrical Engineering, IGIT, Sarang (Supervisor).

- 2. Prof. Bidyadhar Subudhi, Department of Electrical Engineering, IIT Goa, GEC Campus (Co-supervisor)
- 3. Chairman, DRC, Engineering, Indira Gandhi Institute of Technology, Sarang, Dhenkanal for information.
- 4. Director R&D, Utkal University for information.
- 5. Section Officer EC-VI for information.

Hepphon

Dated: 16 . 2. 2

3

Dated: 16.2.24

CONTROLLER OF EXAMINATIONS

form No. BPUT/Ph.D. / 02

BIJU PATNAIK UNIVERSITY OF TECHNOLOGY, ODISHA APPLICATION FOR REGISTRATION FOR Ph.D.

To be submitted after the University declares the candidate to be eligible for registration

(To be filled in capital letters)

1. Name of the candidate : SUSHIL KUMAR SAHOO

3. Address for Correspondence : C/b: BALLAVA SAHOO, SHREE BALARAM MEDICAL STORE Present: PRUSTY BABU BUILDING, ANANTA SAYAN, SARANG Permanent: 46: BALLAVA SAHUG SHREE BALARAM MEDICAL STORE, DERA COLLERY TALCHER Contact No.: 8327756512 PIN -759103 E-mail ID: sushilkumar 00026 @gonail.com

4. Date of Birth : 14-03-1990

- (Supported by HSCE or equivalent certificate)
- 5. Educational Qualifi

	University/ Board	Year of Passing	Class/ Division	Major subject(s)	
Joth	BSE	2005	1st	Di des Chester	
12th	CHSE	2007	and	Physics, Chanster. Modily B107074.	
	V.S.S.UT BURDA	2013	184	Mechanicel Eryp.	anenet
	B.P. V. TRunke	0 14	184	Industrial Engrith Men	vycitkan
	and the second second				

Appendix-II

6. (a) Work Experience (if any) : No

(b) Nature of work experience :

- 7. Discipline & area in which research is to be conducted : MECHANICALENGINEERING, Rebetics
- 8. Proposed title of the Ph.D. thesis
- DESIGN AND DEVELOPMENT OF A SMART AUTUMATED ROBOTIC POWER WHEELCHAIR
- 9. Institution at which Ph.D. is to be pursued.

I.G. I.T. SARANG

10. Name, address, mobile No. & e-mail of the Supervisor(s)

Supervisor	Institution of Area of	
Name	Highest Degree Affiliation Specialization	

>.B. CHOUDHURY.

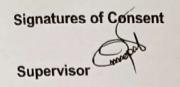
ASSO. PROFESSOR ROBOTICS Ph.D

Co-Supervisor Name

Institution of Area of Highest Degree Affiliation Specialization

Suchil Kumar Sahm





Co-Supervisor

11. Permission of the Head of the Institution where work is proposed to be carried out.

Certified that the undersigned has no objection for providing necessary facilities of the Institute / Department to the candidate to pursue his Doctoral Research work as a registered candidate under Biju Patnaik University of Technology (BPUT), Odisha.

SEAL Signature Name of the Head of the Institute/Dept.

12. Undertaking by the Candidate

(i) I would be willing to work on the above subject. The entire results of the work shall be the joint intellectual property of the University, the above supervisor(s) &

(ii) Certified that the subject proposed for the Ph.D. work has not been submitted to any other University/Institute for registration for Ph.D./D.Sc./D.Litt degree; in case facts to the contrary are found, I would be willing to quit the system.

Ashes Kumar Das Signature of the Candidate





INDIRA GANDHI INSTITUTE OF TECHNOLOGY, SARANG, ODISHA

OFFICE ORDER

No	e undersigned is all	ROLMENT OF P	D COMPANY	
Th Ins	e undersigned is pleased to conve titute: Roll No. allotted	eventolment of door	IN STOPENT	Date: 30.10.2021
1.	Roll No. allotted	y emotiment of the f	ollowing student in th	he Research Programme of the
2.	Date of Enrolment	: C N	1 D 2 1 3 0	1
3.	Academic Programme	: 28 th Octo	ober 2021	
4.	Name of Candidate	: Ph. D.		
5.	Father's/Husband's Name		al Prasad Sethi	
6.	Permanent Address		nbar Sethi	
7. (a			Dolapadi, Bant, Bhadra	
8.	Department to which admitte		Group: B+	(c)Nationality: Indian
9.	Category	: SC	omputer Science and ST	Engineering – CM)
10.	Category of studentship			ellowship (Self Financed [†] / Self
11.	Highest Academic qualification	oupported)		
12.	Hall allotted	: None		
13.	Permitted to stay outside hall	: Yes / No		
14.	Supervisors :	(1)Prof. (Dr.) Sast	mita Mishra	(Principal Supervisor)
15. 16.	 For sponsored student: (a) Place of Employment: (b) The student is / is not permisequirements. Doctoral Scrutiny Committee of Committee of	(2) NA itted to take withdra		(Co-Supervisor)
	1. Prof. (Dr.) Pranati Das, Ho	D (Electrical Engg.)	Chairman [or Prof	if HOD is supervisor]
	2. Prof. (Dr.) Sasmita Mishra	, HoD (CSEA)	Principal Superviso	
	3. Prof		Co-Supervisor	
	4. Prof. (Dr.) Srinibas Sethi, I	Professor, CSEA	Member	
	5. Prof. (Dr.) Urmila Bhanja, H		Member	
	 Prof. (Dr.) Durga Prasad Mo and Head, Department of Co and Engineering, NIT, Rour 	mputer Science	Member	
17. j	The Chairman, DSC is requested other actions as per Ph.D. regula	l to hold the meetin	g of the DSC with a	ssigning course work and
Copy to:				of la

Been, PGS&R

1. 2. 3.

4.

Student concerned All members of DSC Head, Department of CSEA Dean, Students' Welfare

5. 6.

Prof. I/C IGIT, Library (For sponsored students) Employer (with address)



INDIRA GANDHI INSTITUTE OF TECHNOLOGY, SARANG, ODISHA

OFFICE ORDER

ENROLLMENT OF Ph.D. STUDENT

Date:17.08.2022

The undersigned is pleased to convey enrollment of the following student in the Research Programme of the Institute:

1.	Roll No.allotted :	E T D 2 2 9 0 I
2.	Date of Enrolment :	17.08.2022
3.	Academic Programme :	Ph.D
4.	Name of Candidate :	Mrs. Debapriya Parida
5.	Father's /Husband's Name :	Mr. Baishnab Charan Parida
6.	Permanent Address :	Plot No. F/765, Sec-7, CDA, Cuttack, Odisha-753014
7. (a)	Date of Birth : 07.06.1985	(b)BloodGroup: O+ (c) Nationality: Indian
8.	Department of which admitted:	Electronics & Telecommunication Engineering
9.	Category	: General
10.	Category of studentship :	09 IGIT Faculty Member
11.	Highest Academic qualification:	M.Tech
12.	Hallallotted	
13.	Permitted to stay outsidehall: Yes/No	PrincipalSupervisor)
14.	: (1Dr (Mrs) U (2)	rmila Bhanja,Professor. (<i>PrincipalSupervisor</i>) (Co- <i>Supervisor</i>)
15. 16.	For sponsored student: (a) PlaceofEmployment: (b) The student is / is not permitted to requirements. Doctoral Scrutiny Committee of the st	take withdrawal after satisfying the course and residence udent:
	1. Dr (Mrs) Ashima Rout, Asso. Prof.	& HOD Chairman [. if HOD is supervisor]
	 Dr.(Mrs)Urmila Bhanja, Professor 	, Principal Supervisor
	3.	Co-Supervisor
	4. Dr.D.J.Mishra, Asso.Professor	Member
	5. Dr. (Mrs) Sasmita Mishra, Prof.&	Member
	HOD,CSE&A	
	6. Dr.Padmalochan Bera Asst, Prof	
	(CSE), School of Electrical Science	28,
	IIT,Bhubaneswar.	
	The Chairman DSC is requested to he	old the meeting of the DSC with assigning course work and

17. The Chairman, DSC is requested to hold the meeting of the DSC with assigning course work and other actions as per Ph.D. regulation.

Copy to: Student concerned All members of DSC

No: IGIT/PhD/ 45

5. 6. DEAN Prof. I/c IGIT, Library (For sponsored students) Employer (Individe Studies & Rease Indira Gandhi Institute of T Sarang, Dhenkanal, Oc

Dean, P

Depapriya Paride



INDIRA GANDHI INSTITUTE OF TECHNOLOGY, SARANG, ODISHA

OFFICE ORDER

d

No: Io	GIT/N. D. D. M. D. D. M.		OFFIC	LURDED	ARANG, ODISH.	•
The u	Mersioned in 12(6)	ENROL			24	
Institu	ndersigned is pleased to conve ne: Roll No. allotted	y enrolm	ent of the	following	Date: 30-1	0.202
1.	Roll No. allotted			ionowing student in th	he Research Progra	mme of the
2.	Date of Eprolment	·		ED2140		
3.	Academic Programme			tober 2021		
4.	Name of Candidate		Ph. D.			
5.	Father's/Husband's Name			ly Randhari		
6.	Permanent Address			ujabal Majhi		1
7 .			C/O: M. Nabarar	r. Bhujabal Majhi, At: C agpur. Odisha, PIN: 764	Choromala, P.O. Ma	idalpur, Dist:
7. (a)	Date of Birth : 10 th May 1985			d Group: B+		
8.	Department to which admitted	1:		ical Engineering (ME)	(c)Nationality: I	ndian
9.	Category	:	SE	ST General		
10.	Category of studentship	:	4 = 1GIT	Faculty Member		
11.	Highest Academic qualification		M. Tech.			
12. 13.	Hall allotted	:	None			
13.	Permitted to stay outside hall	:	Yes / No	Does not Arise		
15.	Supervisors : For sponsored student: (a) Place of Employment:	Material	. (Dr.) S. P. K. Mai s Enginee	K. Senapati, Prof (Me lik, Associate Professo ering) (Co-Supervisor)	ch Engg.) (<i>Princip</i> or & Head, (Metall:	al Supervico Ingical 2:
16	(b) The student is / is not permi requirements. Doctoral Scrutiny Committee of	fthant 1	ke withdr	awal after satisfying th	e course and resid	ence
	. nor (Mechanical Engineeri	ing)		Chairman for Prof.		
	2. Prof. (Dr.) S. K. Senapati, Engg.)	Professor	(Mech	Chairman [or Prof. if Principal Supervisor a	HOD is supervisor]	
	 Dr. P. K. Mallik, Associate Head, (Metallurgical & Ma Engineering) 	terials	r &	Co-Supervisor	and Convenor	
	 Prof. (Dr.) S.C. Patnaik, Pro (Metallurgical & Materials Dr. R.N. Sethi, Asst. Prof.() 	C	ing)	Member		0 11
	 Prof. (Dr.) Santosh Kumar Sa Professor Department of Santosh Kumar Sa 	Mech. Eng	gg.)	Member	N.O.	, Karshari
	Materials Engineering, NIT, H	allurgical Rourkela,	and	Member		, Rondhari MED 21404
. T a	The Chairman, DSC is requested ctions as per Ph.D. regulation.	to hold th	e meeting	g of the DSC with assi	gning course work	and other
opy to:					(201~
S A	tudent concerned Il members of DSC	5.	Prof	VC IGIT 1 .	(,	Bath, PGS.

17

C

1.2.3.4.

All members of DSC Head, Department of GSBAM L' Dean, Students' Welfare

5. 6.

Prof. I/C IGIT, Library (For sponsored students) Employer (with address)



INDIRA GANDHI INSTITUTE OF TECHNOLOGY, SARANG, ODISHA

OFFICE ORDER

No: IGIT/PhD/ 3628

ENROLMENT OF Ph.D. STUDENT

Date: 18-11.2021

The undersigned is pleased to convey enrolment of the following student in the Research Programme of the

1.	Roll No. allotted		C		1	
2.	Date of Enrolment			Y D 2 1 5	0 1	
3.	Academic Programme			ober 2021		
4.	Name of Candidate	•	Ph. D.			
5.	Father's/Husband's Name			ndra Kumar Send		
6.	Permanent Address			ari Charan Send		
7. (a)	Date of Birth : 26 th February 1		Qrs. No:	ER-17, IGIT Sara	ang, Dhenkanal, Odisha, PIN: 759)146.
8.	Department to which admitted			d Group: O+	(c)Nationality: Indian	
9.	Category		Chemist	· · · · · · · · · · · · · · · · · · ·		
10.	Category of studentship	:	SC	ST Genera		
11.	Highest Academic qualification:				s (Non-Teaching)	
12.	Hall allotted		M.Ph:'	•		
13.	Permitted to star a the star		None			
14.	Supervisors			Does not Arise		
16		(1)Prof. ((2)	Dr.) Bir	od Bihari Panda		
15.	For sponsored student: (a) Place of Employment:				(Co-Supervisor)	
	 (b) The student is / is not permi requirements. 	NA itted to tak	e withd	awal after option.	in a	
16.	requirements. Doctoral Scrutiny Committee of	f the state		awai aller salisiy	ang the course and residence	
	 Dr. Sunil Kumar Tripathy, A (Physics) 			Chairman [or P	rof. if HOD is supervisor]	
	2. Dr. Binod Bihari Panda, As	sso. Prof. 8	& HoD		visor and Convener	
	(Chemistry) 3. Prof				visor and Convener	
	4. Prof. (Dr.) Chittaranian Sah	 100 Profes	seor	Co-Supervisor	1	
	Civil Engineering.			Member		
	5. Prof. (Dr.) B. B. Choudhury, Mechanical Engg. & HoD (P	roduction		Member		
	0. Dr. Chandra Shekhar Purchit	Associate		Member		
	Professor, School of Chemica National Institute of Science	Education	and			
	Research (NISER), Rhuhaned	DAP DA	Jatni,			
17. т	Khurda, PIN: 752050, Odisha					
·/. 1 0	he Chairman, DSC is requested ther actions as per Ph.D. regulat	to hold the	e nicem	ig of the DSC wi	th assigning course work and	
Copy to:	e e e mot regulat	ion,		L.		l
- PJ 10.					$\rho Q \sim$	500

Dean, PGS&R

1. 2. 3. 4.

I

Student concerned All members of DSC Head, Department of Chemistry Dean, Students' Welfare

5. 6.

Prof. I/C Library, IGIT Sarang Registrar, IGIT Sarang, Dhenkanal PIN: 759146.



BIJU PATNAIK UNIVERSITY OF TECHNOLOGY, ODISHA, ROURKELA

(An Affiliating State University of Govt. of Odisha)

BPUT-XIV-Ph.D/SCH/002/2021-22

Form No.: BPUT/Ph.D-2019/11 [vide Ph.D.-12.3(g) & Ph.D.-12.4(a)]

No: BPUT /R&D /Ph.D/____/ 2022

Date: 23:02:2022

The undersigned is pleased to convey the Enrolment and formation of DSC of the following student in Ph.D Programme of the University as per approval of the competent authority.

	Name of Candidate	SRITAM PARIDA
2.	Father's / Husband's Name	JYOTISH PARIDA
3.	Address for Correspondence	RASALPUR, BHOGRAI, BALASORE
4.	Enrollment No. & Date	DSU01002 (08.12.2021)
	Department /NCR to which Admitted	INDIRA GANDHI INSTITUTE OF TECHNOLOGY, SARANG
6.	Date of Birth	15.03.1998
7.	Category (SC/ST/GEN)	General
	Category of Studentship (Full Time / Part Time / Full Time Special)	Full Time
9.	Faculty (Engg./Pharm. Etc.)	Engineering
10.	Discipline/ Specialization	Electrical Engineering
11.	Broad Area of Research Proposed	POWER QUALITY IMPROVEMENT USING DVR IN GRID CONNECTED PV POWER SYSTEM
12.	For Sponsored Student (Place of Employment)	NA
13.	Name & Address of the Supervisors	 Dr Maheswar Prasad Behera, Asst. Professor, Electrical Engg, IGIT, Sarang- Supervisor Dr Manoj Kumar Sahu, Asso Professor, Electrical Engg, CAPGS, BPUT, Rourkela- Co-Supervisor
14.	Doctoral Scrutiny Committee of the Student	 Director, IGIT,Sarang (Chairperson) HOD, Electrical Engg, IGIT, Sarang (Co-Chairperson) Dr Bibhu Prasad Panigrahi, Professor, IGIT, Sarang-Expert Member Dr B B Pati, Professor, VSSUT,Burla-Expert Member Dr Maheswar Prasad Behera, Asst. Professor, Electrical Engg, IGIT, Sarang- Supervisor Dr Manoj Kumar Sahu, Asso Professor, Electrical Engg, CAPGS, BPUT, Rourkela- Co-Supervisor

The Chairperson, DSC is requested to hold the meeting of the DSC for assigning course work and other actions as per Ph.D regulation 2019.

22.02 PIC(R&D), BPUT

Hd. Qrs. : BPUT Campus, Chhend, Rourkela-769 015, Ph. : (0661) 2482556,558,559,560,561,563,564 Fax : (0661) 2482562, website : www.bput.ac.in

BPUT-XIV-Ph.D/SCH/002/2021-22

Form No.: BPUT/Ph.D-2019/ 11 [vide Ph.D.-12.3(g) & Ph.D.-12.4(a)]

Date: 23:02:2022

110

No: BPUT /R&D / 12.2 / 2022

Copy forwarded for information & necessary action to the :

1.Registrar/ Finance Officer, BPUT, Rourkela

2 .Head/ Co-ordinator of concerned BPUT,NCR

3. .All DSC Members/ Supervisor(s)

4. Student concerned through NCR/ Supervisors

5.Prof. I/C, Library, BPUT, Rourkela

6.File of Student concerned

22.02.2022 PIC (R&D), BPUT



BIJU PATNAIK UNIVERSITY OF TECHNOLOGY, ODISHA ROURKELA

/2022

Date: 14:09:2022

OFFICE ORDER

Registration of student for Ph.D. Degree

Upon recommendation of Doctoral Scrutiny Committee (DSC) held on 14.07.2022 & approval of the Vice Chancellor on 13.09..2022, Sri Omkar Tripathy has been registered as a Ph.D Research Scholar under Biju Patnaik University of Technology, Odisha w.e.f. 14.07.2022 consequent to his satisfactory completion of Course work & other qualifying requirements. The particulars of registration are given below:

1. Name of the Student	: OMKAR TRIPATHY
2. Father's / Husband's Name	: SARADA PRASANNA TRIPATHY
3. Address for correspondence	: PLOT NO: 2624, BADAGADA CANAL ROAD, BJB NAGAR, BBSR
4. Faculty (Engg./Pharm. Etc.)	: ENGINEERING
5. Discipline/ Specialization	: ELECTRICAL ENGINEERING
6. NCR (AICTE) to which Admitted	INDIRA GANDHI INSTITUTE OF TECHNOLOGY, SARANG, ODISHA:
7. Date of Birth	:03.02.1996
8. Category	: GENERAL
9. Category of Studentship	: FULL TIME
10. Enrollment No. & Date of Enrollment	: DST01002 (05.02.2021)
11. Regd. No.	: 22 DST01002
12. Earliest Date of Thesis Submission	: 05.02.2024
13. Supervisor	: DR MAHESWAR PRASAD BEHERA, ASST PROF, DEPT OF EE,
	IGIT,SARANG
14. Title of Ph.D. Work	: GRID CONNECTED RENEWABLE ENERGY RESOURCES FOR
	POWER QUALITY IMPROVEMENT
15. Course Work Completed (YES / NO)	: Yes

SI.No.	Subject Code	Course Title	Grade	Credits
1.	PEC101	POWER ELECTRONICS CONVERTERS	A	3
2.		STATIC VAR CONTROLLERS AND HARMONIC		
	PEE104	FILTERING	A	3
3.	PSE102	SMART GRID	E	3
4.	RM	RESEARCH METHODOLOGY	E	4
5.	RPE	RESEARCH PUBLICATION ETHICS	E	2
	Tot	al Course Credits completed	15	Credits

Validity of Registration
 Fees

: Six Years from the Date of Enrolment (Renewal as per BPUT, Ph.D Regulation 2019) : Applicable fees as per the BPUT, Ph.D Regulation 2019.

4-09-2022 PIC, Research & Development

BPUT, Odisha, Rourkela

Hd. Qrs.: BPUT Campus, Chhend, Rourkela - 769 015, Ph.: (0661) 2482556, 558, 559, 560, Fax: (0661) 2482562

Scanned by CamScanner

Memo No: BPUT /R&D /Ph.D / <u>711</u> 2022

Copy forwarded for information & necessary action to the :

- 1. OSD to Vice Chancellor, BPUT, Odisha for kind information of Hon'ble Vice Chancellor
- 2. Registrar / Finance Officer , BPUT, Odisha, Rourkela
- 3. Director, IGIT, Sarang / Co-ordinator, IGIT, Sarang-BPUT-AICTE Approve/NCR
- 4. All members of DSC / Principal Supervisor / Co-Supervisor if any
- 5. Student concerned
- 6. File of Student concerned

4.09-2012 PIC, Research & Development BPUT, Odisha, Rourkela

Date: 14:09:2022



INDIRA GANDHI INSTITUTE OF TECHNOLOGY, SARANG, ODISHA

OFFICE ORDER

No:IGIT/Ph.D/ 32 (1)

ENROLMENT OF Ph.D. STUDENT

26.9.

The undersigned is pleased to convey enrolment of the following student in the Research Programmeof the Institute:

1.	Roll No. allotted	1	C H D 2 3 8 0 3
2.	Date of Enrolment	;	18.8.2023
3.	Academic Programme	:	Ph. D
4.	Name of Candidate	:	Deepesh Kumar Biswal
5.	Father's/Husband's Name	:	DibakenBiswall
	(a) Permanent Address	: `	At/Post: Chihidia,Khuntagaon,Dist:Sundargarh
6.	(a)Date of Birth :18.8.1986	(b) Blo	ood Group: A Positive (c) Nationality:Indian
7.	Department to which admitte	ed:	Chemical Engineering
8.	Category	:	General
9.	Category of studentship	:	08 : Sponsored Students
10.	Highest Academic qualificati	ion:	M. Tech
11.	Hall allotted	:	
12.	Permitted to stay outside hall	:Yes/N	0 ^{(car.}
13.	Supervisors :	(1)Dr.	Dipa Das, Asso. Prof. Chemical. Engg(Supervisor)
		(2)Dr.	Kasinath Barik, Asst. Prof. Chemical Engg. (Co-Supervisor)
14.	For sponsored student : (a) Place of Employment:	State P	ollution Control Board, Odisha, Bhubaneswar
			thdrawal after satisfying the course and residence requirements.
15.	Doctoral Scrutiny Committee	of the s	tudent:
101	1. Dr. Satyabrata Mohanta, Prof. Chemica		
	2. Dr. Dipa Das, Asso.Prof. Chemical.	Engg.	Supervisor
	3. Dr.Kasinath Barik,Asst.Prof.Cehmic	al Engg.	Co-Supervisor
	 Dr.B.B. Choudhury, .Prof. Mech. Engg. Dr.Ipsita D.Behera,,,,Asst.Prof.Chemical Engg. 		Member
			y. Member
	 6. Prof.(Dr)Susmita Mishra,Prof. Chem Deptt., .NIT,Rourkela. 	ical Engg	Member
16.	The Chairman, DSC is requested to hol Ph.D. regulation.	d the mee	ting of the DSC with assigning course work and other actionsas per-
Convito			
Copy to : 1.	Student concerned	3	5. Prof. I/c IGIT. Library
2. 3.	All members of DSC Head, Department of <u>Chemical Engg.</u>		5. Prof. I/c IGIT, Library 6. (For sponsored students) Employer (with addreen EAN Post Graduata Studies & Ressourch (POSAN Index Graduata Studies & Ressourch (POSAN
<i>4</i> .	Dean, Students' Welfare		Peet Graduate Stadies & Redeard in (Possim India Gendhi Institute of Technology

- 1. Student concerned
- 2. All members of DSC
- 3. Head, Department of Chemical Engg.
- 4. Dean, Students' Welfare

arch (POSSUE) Indire Gendhi Institute of Technology Serang, Disenkanal, Odleha



INDIRA GANDHI INSTITUTE OF TECHNOLOGY, SARANG, ODISHA UL / Date: 16.10.2023 No. IGIT/PhD/_ 46

OFFICE ORDER

Provisional Registration (Enrollment) of student for Ph.D. Degree

The undersigned is pleased to convey the approval of the DIRECTOR for Enrollment of the following candidate for the Ph.D. Degree.

- Name of the Student : Ramesh Kumar Ekka
 Department : Chemical Engineering
 Roll No. CHD23802
- 4. Date of Enrolment: 18.08.2023 .5. Category of studentship: 08 Sponsored Student
- 6. Supervisor(s): (1) Dr.Ipsita Dipamita Behera, Asst. Professor, Chemical Engg. (Principal Supervisor)
 (2) Dr.Kasinath Barik, Asst.Prof. Chemical Engg. (Co-Supervisor)
- 7. Whether registering for Degree is Engineering/Science/Social Science/Management: Engineering
- 8. Broad Area of Research: Industrial Waste Management.
- 9. Course Work Assigned :

Sl.No.	Subject-Code	Course Title	Remarks	
1	CHE 104	Bioprocess Engineering	3	
2	CHC 102	Advanced Fluid Dynamics	3	
3	CHE 103	Industrial Pollution Control	3	
4		Research Methodology	4	
5		Research & Publication Ethics	2	
6	CHE 303	Solid and Hazardous Waste Management	3	

Special conditions such as self-study courses may be mentioned in remarks column.

10. Effective date of Provisional Registration......18.8.2023

11. Earliest date of Thesis submission: Three years from the Date of Enrolment.

Memo No. IGIT/PhD/ Y7 Copy to :

1. Student concerned (Through Head of the Department)

2. Head, Chemical Engineering Department.

3. Supervisors

4. Employer:_

Dated : 16.10.2 of Poet Graduate Studies & Research (PGS&R) Indire Gendhi Institute of Technology Berang, Dhenkanel, Odishe

+0.20

Post Graduate Studies & Reasoarch (PGS&R Indira Gandhi Institute of Technology Sarang, Dhenkanal, Odisha



INDIRA GANDHI INSTITUTE OF TECHNOLOGY, SARANG, ODISHA

No:IGIT/Ph.D/ 32

OFFICE ORDER ENROLMENT OF Ph.D. STUDENT

Date: 18.8.2023

The undersigned is pleased to convey enrolment of the following student in the Research Programme of the Institute:

1.	Roll No. allotted	:	C H D 2 3 8 0 2
2.	Date of Enrolment	:	
3.	Academic Programme	:	P.h.D
4.	Name of Candidate	:	Ramesh Kumar Ekka
5.	Father's/Husband's Name	:	Marianus Ekka
6.	Permanent Address	:	Hamirpir, Rouekela, Sundargarh, Odisha-769003
7. (a) Date of Birth :18.9.1979		(b) Brood Group: (c) Nationality: Indian
8.	Department to which admitt	ed:	Chemical Engineering
9.	Category	:	ST
10.	Category of studentship	:	8 = Sponsored Student
11.	Highest Academic qualification	tion:	M.Tech
12.	Hall allotted	:	None
13.	Permitted to stay outside hal	1:	Yes/No
14.	Supervisors :	(1) Dr.	. Ipsita Dipamitra Behera (Principal Supervisor)
15.	For sponsored student : (a) Place of Employment: (b) The student <u>is / is no</u> t permitted	(2) Dr. State H	Kasinath Barik (Co-Supervisor) Pollution Control Board, Odisha, Bhubaneswar thdrawal after satisfying the course and residence requirements.
16. :	Doctoral Scrutiny Committee	of the s	student:
-	1. Dr. Dipa Das,HOD, Chemical		
 	P. Ipsita Dipamitra Behera, A	sst.Prof.	Chairman [or Profif HOD is supervisor] Principal Supervisor
	3. Dr. Kasinath Barik, Asst. Prof.	-	Co-Supervisor
	4. Dr. Harekrushana Sutar, Asst. Prof.		Member
	5. Dr. Sunil Kumar Trpathy, Asso. Prof		Member
	6 Prof.(Dr)Susmita Mishra,Prof,Chen Engg.Deptt.NIT, Rourkela.		Member
	17. The Chairman, DSC is requested per Ph.D. regulation.	ed to hold t	the meeting of the DSC with assigning course work and other actionsas
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1. 2. 3. 4.	Student concerned All members of DSC Head, Department of <u>Chemical Emgine</u> Dean, Students' Welfare	ering	6. Prof. I/C Library 7, (For sponsored students) Employer with address.

Indira Gandhi Institute of Technology Serang, Dhenkanal, Odicke



INDIRA GANDHI INSTITUTE OF TECHNOLOGY, SARANG, ODISHA

No:IGIT/Ph.D/ 32

OFFICE ORDER ENROLMENT OF Ph.D. STUDENT

Date: 18.8.2023

The undersigned is pleased to convey enrolment of the following student in the Research Programme of the Institute:

1.	Roll No. allotted	:	M T D 2 3 9 0 1
2.	Date of Enrolment	:	18.8.2023
3.	Academic Programme	:	Ph.D
4.	Name of Candidate	:	Himansu Sahoo
5.	Father's/Husband's Name	:	Mr. Sukru Sahoo
6.	Permanent Address	:	At: Kulei, Post: Gaham, Via: Talcher, Dist: Angul-759100
7. (a)	Date of Birth 05.03.198	8	(b) Blood Group: A +ve (c) Nationality: Indian
8.	Department to which admitted:		Metallurgical & Materials Engineering
9.	Category	:	GEN
10.	Category of studentship	:	09 = IGIT, Guest Faculty members
11.	Highest Academic qualificat	ion:	M.Tech.
12.	Hall allotted	:	None
13.	Permitted to stay outside hal	l:	Yes/No
14.	Supervisors :	(1) Dr	Prafulla Kumar Mallik, Asso., Prof (Principal Supervisor)
15.	For sponsored student : (a) Place of Employment: (b) The student is / is not permitted	(2) Di (Co-su	thdrawal after satisfying the course and residence requirements.
16.	Doctoral Scrutiny Committee		
	1. Dr.B.D. Sahoo, Prof.&, HOD, Mecha		
	2. Dr Prafulla Kumar Mallik, Ass		Principal Supervisor
1	3. Dr.Kasinath Barik, Asst. Prof. Chen	nical Engg	Co-Supervisor
	4. Dr(Mrs) I. Tripathy, Asst.Prof.Meth	. & Mat. E	
	5Dr.B. B. Choudhury, Prof. Mechanic	al Engg.	Member
	6. Prof. (Dr) S.K. Sahoo, Professor, Deptt. of		Member 🕥
17.	tiucal & Materials Engg. NIT, Rourkel The Chairman, DSC is requested hold the meeting of the DSC wit assigning course work and other action as per Ph.D regulation.	l (c h	DEANTROSAD. 20
2.	Students concerned All members of DSC		CUEAN
	Head, Department of Mett. & Mat. En	gg.	5., (For sponsored students) Employer with address inclusion of Teal Barang, Dhanhanal, Ods