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PhD RPS Examination Report (Version 4)

Student ID: 201521012	Student Name: Mayankkumar L. Patel
Semester of Entry to PhD program: (Winter / Autumn) and Academic Year:	Winter 2016

Date of PhD RPS Examination

Date of RPS Presentation: 8 / Nov / 2017	Semester (Winter / Autumn) and Academic Year applicable to the PhD RPS Examination: Autumn 2017

Detailed Evaluation

Title/Topic(s) of the PhD RPS Exam	Evaluation (scale of 1 to 5) (1) poor, (2) fair, (3) good, (4) very good, (5) excellent	Remarks and comments conveyed to the student by the Committee
Query Processing Framework for Partitioned data [Dynamic methods for faster query execution]	(3) good	• Crystalize the problem • Prepare the research proposal. • Basic setup of the experiment must be completed as soon as possible.

Details of Research Courses taken towards this particular RPS Examination

Semester and Academic Year	Course Code (ex. PC 813)	Course Title (ex. Research 13)	Grade (decided by the PhD RPS Committee) (S or X)
V (Aut - 2017)	PC 801	Research 1	S
V (Aut - 2017)	PC 802	Research 2	
V (Aut - 2017)	PC 803	Research 3	
V (Aut - 2017)	PC 804	Research 4	
	PC		

Certified By (Members of PhD RPS Examination Committee)

Name of Supervisor: Minal Bhise	Signature:
Name: Sanjay Srivastava	Signature:
Name: Sourish Dasgupta	Signature:
Name:	Signature:
Name:	Signature:
Date of Submission:	

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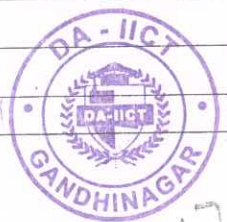Tel.: +91 79 3052 0000 | Fax: +91 79 3052 0010 | Web: www.daiict.ac.in

PhD RPS Examination Report (Verison 4)

Student ID: 201621010	Student Name: Shah Ami Mahendrabhai

Semester of Entry to PhD program: (Winter / Autumn) and Academic Year: Autumn-2016

Date of PhD RPS Examination	
Date of RPS Presentation: 11 / 04 / 2018	Semester (Winter / Autumn) and Academic Year applicable to the PhD RPS Examination: Winter-2017

Detailed Evaluation

Title/Topic(s) of the PhD RPS Exam	Evaluation (scale of 1 to 5) (1) poor, (2) fair, (3) good, (4) very good, (5) excellent	Remarks and comments conveyed to the student by the Committee
Auction theory for Internet of Things		Understading of the paper presented is not satisfactory. Need to understand the underlying logic.

Details of Research Courses taken towards this particular RPS Examination

Semester and Academic Year	Course Code (ex. PC 813)	Course Title (ex. Research 13)	Grade (decided by the PhD RPS Committee) (S or X)
Winter-2017	PC 804	Research 4	S
Winter-2017	PC 805	Research 5	S
Winter-2017	PC 806	Research 6	S

Certified By (Members of PhD RPS Examination Committee)

	Signature:
Name of Supervisor: Prof. Sanjay Srivastava	
Name : Prof. Anil Roy	
Name: Prof. Yash Vasavada	
Name:	
Name:	
Date of Submission:	

Winter 2017-18

Semester IV

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PhD RPS Examination Report (Verison 4)

Student ID: 201621017	Student Name: PRANAV VERMA ✓

Semester of Entry to PhD program: (Winter / Autumn) and Academic Year: WINTER 2017-18

Date of PhD RPS Examination	
Date of RPS Presentation: 20, 11, 2018	Semester (Winter / Autumn) and Academic Year applicable to the PhD RPS Examination: AUTUMN 2018-19

Detailed Evaluation		
Title/Topic(s) of the PhD RPS Exam	Evaluation (scale of 1 to 5) (1) poor, (2) fair, (3) good, (4) very good, (5) excellent	Remarks and comments conveyed to the student by the Committee
Privacy in recommender system	3	Formal security analysis of modified BYK protocol to be carried out. Techniques for dealing with unfair user ratings to be studied.

Details of Research Courses taken towards this particular RPS Examination			
Semester and Academic Year	Course Code (ex. PC 813)	Course Title (ex. Research 13)	Grade (decided by the PhD RPS Committee) (S or X)
AUTUMN 18-19	PC 803 ✓	Research 3	S
	PC 804 ✓	Research 4	S
	PC 805 ✓	Research 5	S
	PC 806	Research 6	S
	PC		

Certified By (Members of PhD RPS Examination Committee)	
Name of Supervisor: ANISH MATHURIA	Signature: AMM
Name: SOURISH DASGUPTA (CO-SUPERVISOR)	Signature:
Name: MANIKLAL DAS	Signature:
Name: KALYAN SASIDHAR	Signature:
Name:	Signature:
Date of Submission: 19.12.2018	

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PhD RPS Examination Report (Version 4)

Student ID: 201721001	Student Name: PRIYANKA GUPTA

Semester of Entry to PhD program: (Winter / Autumn) and Academic Year: 2017

Date of PhD RPS Examination	
Date of RPS Presentation: 01 , 05 , 2019	Semester (Winter / Autumn) and Academic Year applicable to the PhD RPS Examination: Winter

Detailed Evaluation

Title/Topic(s) of the PhD RPS Exam	Evaluation (scale of 1 to 5) (1) poor, (2) fair, (3) good, (4) very good, (5) excellent	Remarks and comments conveyed to the student by the Committee
Secret Sharing Schemes. (Visual Cryptography)	3	

Details of Research Courses taken towards this particular RPS Examination

Semester and Academic Year	Course Code (ex. PC 813)	Course Title (ex. Research 13)	Grade (decided by the PhD RPS Committee) (S or X)
4th Sem, 2019	PC 803	Research 3	S
4th Sem, 2019	PC 804	Research 4	S
4th Sem, 2019	PC 805	Research 5	S
4th Sem, 2019	PC 806	Research 6	S
	PC		

Certified By (Members of PhD RPS Examination Committee)

Name of Supervisor: Dr. Gagan Garg.	Signature:
Name: Dr. Anish Mathuria.	Signature: AMM
Name: Dr. Puneet Bhateja.	Signature: Puneet Bhateja
Name:	Signature:
Name:	Signature:
Date of Submission:	

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PhD RPS Examination Report (Verison 4)

Student ID:	201721012	Student Name:	SOURAV DEB

Semester of Entry to PhD program: (Winter / Autumn) and Academic Year:	AUTUMN 2017

Date of PhD RPS Examination

Date of RPS Presentation: 18 / 11 / 2019	Semester (Winter / Autumn) and Academic Year applicable to the PhD RPS Examination: AUTUMN 2019 - 2020

Detailed Evaluation

Title/Topic(s) of the PhD RPS Exam	Evaluation (scale of 1 to 5) (1) poor, (2) fair, (3) good, (4) very good, (5) excellent	Remarks and comments conveyed to the student by the Committee
DNA CODES OVER THE RING $Z_4 + \omega Z_4,\ \omega^2 = \theta$ WHERE $\theta \in Z_4 + \omega Z_4$	4	

Details of Research Courses taken towards this particular RPS Examination

Semester and Academic Year	Course Code (ex. PC 813)	Course Title (ex. Research 13)	Grade (decided by the PhD RPS Committee) (S or X)
SEM V - 2019	PC 805	Research 5	S ✓
"	PC 806	Research 6	S ✓
"	PC 807	Research 7	S ✓
"	PC 808	Research 8	S ✓
	PC		

Certified By (Members of PhD RPS Examination Committee)

Name of Supervisor: PROF. MANISH K. GUPTA	Signature:
Name: PROF. GAGAN GARG	Signature:
Name: PROF. MANOJ K. RAUT	Signature:
Name:	Signature:
Name:	Signature:
Date of Submission:	

PhD RPS Examination Report (Verison 4)

Student ID: Nikita Joshi	Student Name: 201621003

Semester of Entry to PhD program: (Autumn) and Academic Year: Winter 2016-17

Date of PhD RPS Examination	
Date of RPS Presentation: 28/ 09 / 2020	Semester (Winter / Autumn) and Academic Year: Winter, 2019-20

Detailed Evaluation		
Title/Topic(s) of the PhD RPS Exam	Evaluation (scale of 1 to 5) (1) poor, (2) fair, (3) good, (4) very good, (5) excellent	Remarks and comments conveyed to the student by the Committee
Deadline and Priority based Resource Allocation and Scheduling in Fog IoT Architecture using Multi-attributes based Auction Mechanism	(3)	1. Problem statement needs to be crisply defined. Scope of the problem and research gap must be made clear. 2. It is expected that work output be increased from its current state. 3. In the next RPS, some preliminary results should be presented.

Details of Research Courses taken towards this particular RPS Examination			
Semester and Academic Year	Course Code (ex. PC 813)	Course Title (ex. Research 13)	Grade (decided by the PhD RPS Committee) (S or X)
Sem1, 2019-20	PC819	Research 19	S
	PC820	Research 20	S
	PC821	Research 21	S
	PC822	Research 22	S
	PC		

Certified By (Members of PhD RPS Examination Committee)	
Name of Supervisor: Sanjay Srivastava	Signature:
Name: Kalyan Sasidhar	Signature:
Name: Rahul Muthu	Signature:
Name:	Signature:
Name:	Signature:
Date of Submission:	

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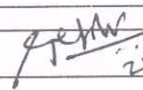
## PhD RPS Examination Report (Verison 4) RPS-5

Student ID:	Student Name:
201721013	ANKITA MEHROTRA

Semester of Entry to PhD program: (Winter / Autumn) and Academic Year:	AUTUMN 2017-18 (SEM-1)

Date of PhD RPS Examination

	Semester (Winter / Autumn) and Academic Year applicable to the PhD RPS Examination:
Date of RPS Presentation: 23, 12, 2020	AUTUMN 2020-21 (SEM-7)

Detailed Evaluation

Title/Topic(s) of the PhD RPS Exam	Evaluation (scale of 1 to 5) (1) poor, (2) fair, (3) good, (4) very good, (5) excellent	Remarks and comments conveyed to the student by the Committee
Low Noise Amplifier at 23.8 GHz for Satellite and Cellular Applications	Good	- Comparative Study of various topologies (in terms of technology) to be carried out - Parametric studies (deviation ~ 50%) to be carried out. - Configurations for testing of MMICs need to be explored. - Stability of circuit to be computed from equations & compared with simulated runs. - Plot gain circles/NF under various device conditions to set optimum gain/NF - Yield analysis to be done.

Details of Research Courses taken towards this particular RPS Examination

Semester and Academic Year	Course Code (ex. PC 813)	Course Title (ex. Research 13)	Grade (decided by the PhD RPS Committee) (S or X)
AUTUMN 2020-21	PC 817	RESEARCH-17	S
''	PC 818	RESEARCH-18	S
''	PC 819	RESEARCH-19	S
''	PC 820	RESEARCH-20	S
—	PC —	—	—

Certified By (Members of PhD RPS Examination Committee)

Name of Supervisor:	Prof. SANJEEV GUPTA	Signature:	[signature] 23/12/2020
Name:	Prof. DEEPAK GHODGAONKAR	Signature:	
Name:	Prof. YASH AGRAWAL	Signature:	
Name:	Mr. VINIT KUMAR, SAC-ISRO (INVITED) Senior Scientist	Signature:	—
Name:	—	Signature:	—

Date of Submission:	23/12/2020

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201921004

PhD RPS Examination Report (Version 4)

Student ID: 201921004	Student Name: Nishith Kotak

Semester of Entry to PhD program: (Winter / Autumn) and Academic Year: Autumn 2019-20

Date of PhD RPS Examination	
Date of RPS Presentation: 7/6/2021	Semester (Winter / Autumn) and Academic Year applicable to the PhD RPS Examination: Winter 2020-21

Detailed Evaluation		
Title/Topic(s) of the PhD RPS Exam	Evaluation (scale of 1to 5) (1) poor, (2) fair, (3) good, (4) very good, (5) excellent	Remarks and comments conveyed to the student by the Committee
AI Assisted Reviewer Manuscript Matching System	4	1. You used two parameters α and β to determine Δ (consistency parameter). What is the physical significance of these two parameters α and β and how did you find their values to calculate Δ? Are these empirically derived or are experimentally obtained? 2. Does the optimization approach adopted (hungarian assignment approach) always give the optimal solution? Is it guaranteed? How sensitive is the solution obtained from the optimization framework on the selection of α and β? 3. Have you tried to find out a threshold value of Δ above which the approach may be considered consistent? 4. Perform the reviewer profiling by extracting the full text of their publications and then compare the impact on consistency wrt only title and abstract. 5. You are advised to do some statistical analysis and come out with a range of α and β that gives better performance of the proposed algorithm.

Details of Research Courses taken towards this particular RPS Examination			
Semester and Academic Year	Course Code (ex. PC813)	Course Title (ex. Research 13)	Grade (decided by the PhD RPS Committee) (S or X)
Autumn 2020-21	PC805	Research 5	S ✓
Autumn 2020-21	PC806	Research 6	S ✓
Autumn 2020-21	PC807	Research 7	S ✓
Autumn 2020-21	PC808	Research 8	S ✓

Certified By (Members of PhD RPS Examination Committee)	
Name of Supervisor(s): Dr. Anil K. Roy	
Prof. Sourish Dasgupta	Signature: CONSENT BY EMAIL
Name: Prof. Aditya Tatu	Signature: CONSENT BY EMAIL
Name: Prof. Ahlad Kumar	Signature: CONSENT BY EMAIL
Date of Submission: 17 June 2021	

DA-IICT

Phd Coordinator <phd_coordinator@daiict.ac.in>

RPS-2 Report of Nishith Kotak (201921004)

1 message

Anil Roy <anil_roy@daiict.ac.in>   Wed, Jun 16, 2021 at 11:39 PM
To: phd coordinator <phd_coordinator@daiict.ac.in>
Cc: Anil Roy <anil_roy@daiict.ac.in>, aditya_tatu <aditya_tatu@daiict.ac.in>, Ahlad Kumar <ahlad_kumar@daiict.ac.in>,
"pg_convenor@daiict.ac.in" <pg_convenor@daiict.ac.in>, "Sourish Dasgupta Dasgupta. Dasgupta"
<sourish_dasgupta@daiict.ac.in>, KOTAK NISHITH ASHOKKUMAR <201921004@daiict.ac.in>

Dear Prof. Ray

PFA the RPS-2 report of Nishith Kotak (201921004) for your record. I confirm that both the members of the RPS
Committee, Profs. Aditya Tatu and Adlad Kumar and the co-supervisor Prof. Sourish Dasgupta have given their
consent by email and they are in full agreement to this report. Due to the pandemic situation, the inked signature
could not be obtained on the form.

I expect you will find it acceptable.

With warm regards
Anil and Sourish

📄 **Phd_RPS-2_Evaluation Repot_Nishith Kotak_201921004_7Jun2021.pdf**
    280K

201921004

PC805 ✓
PC806 ✓
PC807 ✓
PC808 ✓

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PhD Comprehensive Examination Report

Student ID:	Student Name:
202121002	NISHA JANGID

Semester of Entry to PhD: (Winter / Autumn) and Year: 2021

Date(s) of PhD Comprehensive Examination	
Written Exam: 04 / 11 / 2022	Semester (Winter / Autumn) and Year of PhD Comprehensive Examination:
Oral Exam or Presentation: 13 / 12 / 2022	2022

Detailed Evaluation		
Section/Topic/Area (in which the student was examined)	Evaluation (scale of 1 to 5) (1) poor, (2) fair, (3) good, (4) very good, (5) excellent	Remarks and comments conveyed to the student by the Committee
Written { Astrophysical & Einstein Physics	V. good	83%
Linear Algebra	V. good	81.25%
Nonlinear Dynamics	good.	51%
oral → Standing & travelling waves in the shallow water circular hydraulic jump.	fair	Physical interpretation is weak. Needs to be improved significantly.

Overall evaluation for the PhD Comprehensive Examination (PASS/FAIL) : PASS

Certified By (Members of PhD Comprehensive Examination Committee)	
Name: Prof. Arnab Ray	Signature:
Name: Prof. Bhaskar Chaudhury	Signature:
Name: Prof. Gautam Dutta	Signature:
Name: Prof. Mukesh Tiwari	Signature:
Name:	Signature:

Date of Submission: 13 - 12 - 2022

Dean (Academic Program)
DA-IICT, Gandhinagar

PhD RPS Examination Report (Verison 4)

Student ID: 201821004	Student Name: Alik Banerjee

Semester of Entry to PhD program: (Winter / Autumn) and Academic Year: July 2018

Date of PhD RPS Examination	
Date of RPS Presentation: 16 / 05 / 2022	Semester (Winter / Autumn) and Academic Year applicable to the PhD RPS Examination: **Winter 2021-22**

Detailed Evaluation

Title/Topic(s) of the PhD RPS Exam	Evaluation (scale of 1 to 5) (1) poor, (2) fair, (3) good, (4) very good, (5) excellent	Remarks and comments conveyed to the student by the Committee
1. Blue Water Footprint: An Instrument for Urban Water Management to Overcome the Problem of Water Scarcity 2. Water Management: Saving the Future with Lessons Learnt	4	It is good that the researcher submitted a journal paper titled **'Blue Water Footprint: An Instrument for Urban Water Management to Overcome the Problem of Water Scarcity.'** The committee recommended the researcher register for writing the synopsis.

Details of Research Courses taken towards this particular RPS Examination

Semester and Academic Year	Course Code (ex. PC 813)	Course Title (ex. Research 13)	Grade (decided by the PhD RPS Committee) (S or X)
Winter 2021-22	PC 817	Decision tree	S
	PC 818	Satellite data understanding	S
	PC 819	Case studies analysis	S
	PC 820	Calculation of blue water footprint	S
	PC		

Certified By (Members of PhD RPS Examination Committee)

Name of Supervisor: Alka Parikh	Signature: online
Name: Mukesh Tiwari	Signature: online
Name: Indira Hirway	Signature: online
Name: Ranendu Ghosh	Signature: online
Date of Submission: 31 May 2022	