



Birla Institute of Technology & Science, Pilani

Pilani | Dubai | Goa | Hyderabad | Mumbai (An Institution of Eminence)

Colonel Soumyabrata Chakraborty (Retd)
Registrar

BITS/ Goa/2024

24 April 2023

TO WHOM IT MAY CONCERN

This is to certify that Shri Abhinandan H Patil, ID No. 2013PHXF0408G was registered for the Doctor of Philosophy Degree in the year 2014 at BITS Pilani, K K Birla Goa Campus in accordance with the provisions of the UGC (Minimum Standards and Procedures for award of M.Phil /Ph.D. degree) Regulations 2009. He withdrew from the PhD program in the year 2019.

His details as per our records are as follows:

Title of the Thesis: Design and Implementation of Combinatorial Testing based Test suites for Operating Systems used for Internet of Things.

Name of Ph.D. Supervisor: Prof. Neena Goveas

He has completed certain courses and received credits as shown in the grade sheets which have already been issued to him during his tenure from 2014 to 2019 at this Institution.

The above certificate has been issued at his request.






Col S Chakraborty (Retd)
Registrar

REGISTRAR
Birla Institute of Technology & Science
PILANI (Rajasthan)



Details for registration number : DSEHE/E/2024/0001267

Name Of Complainant	Abhinandan H Patil
Date of Receipt	24/02/2024
Received By Ministry/Department	Higher Education
Grievance Description	
Higher Education >> Miscellaneous/Others Grievances Name : Abhinandan H. Patil Details of course/batch no : 2013PHXF408G - BITS Pilani, Goa Institutes/Agencies : Deemed/Private Institute ----- Dear Madam/Sir, This issue is concerning DSEHE/E/2024/0000494. Kindly direct BITS Pilani, Goa for the following: 1. The University has not deposited the Ph.D. credits in the Academic Bank of Credits for ABC ID is 134-126-530-438. 2. The University must give NOC on BITS Pilani letterhead with seal and signature for credit transfer. This is essential for other Universities to accept my credit transfers. BITS Pilani, Goa is neither awarding Ph.D. nor issuing NOC. This matter is been overlooked by the concerned University since mid-2019 resulting in a lot of loss for me. I have paid fees for all the semesters. Submitted papers as per the University requirements. Worked as TA for a very nominal salary. Delivered a good-quality Thesis. However, I objected to invalid comments on the Thesis with proper justifications as in the attached pdf. This might be the reason for the refusal to award the Ph.D. NOC and credit transfer are essential for me to pursue PhD from other Universities. Already I have lost 5 years because of the laxity of the University. Best Regards, Abhinandan.	
Current Status	Under process
Date of Action	04/03/2024
Officer Concerns To	
Officer Name	Dr. N. Gopukumar- DU NF (Joint Secretary)
Organisation name	University Grants Commission
Contact Address	University Grants Commission University Grants Commission University Grants Commission
Email Address	gopukumar.ugc@gov.in
Contact Number	26304212
Reminder(s) / Clarification(s)	
Reminder Date	Remarks
11/03/2024	Dear Sir, Also, my coursework certificate does not mention the Theory subjects passed. Request you to direct the University to mention the Theory subjects passed as part of course work. Best Regards, Abhinandan.
30/03/2024	Dear Sir, I am eagerly looking forward for your response. Best Regards, Abhinandan.
<div style="display: flex; justify-content: center; gap: 10px;"> Print Close</div>	

Details Related to My PhD Thesis

- 1) All PhD papers are indexed in respected indices/databases. More information at <https://orcid.org/0000-0002-8425-1493>
- 2) The Whole Thesis is indexed in the Bielefeld Academic Search Engine.
- 3) International recognition for the Thesis is at:
<https://bookauthority.org/books/best-software-regression-testing-books>
- 4) Video version of the Thesis is at
<https://www.youtube.com/watch?v=q8K84xWMYq4>

**Press Information Bureau
Government of India
Ministry of Education**

23 MAR 2018 5:11PM by PIB Delhi

Implementation of UGC Grievances Redressal Regulations

The University Grants Commission (UGC) Grievance Redressal Regulations, 2012 prescribes for well defined systems and procedures for redressal of grievances of aggrieved students in Universities and Colleges. These regulations are mandatory for implementation by all Universities/affiliated Colleges in India. UGC issues directions to Universities, from time to time, to effectively implement grievance redressal regulations. Further, as per these regulations, an Ombudsman is required to be appointed by each university to effectively address and resolve grievances lodged by students at University level. The UGC has been closely monitoring the implementation of the grievance redressal systems and procedures as contained in the Regulations.

The UGC has launched an Online Student Grievance Redressal Portal to ensure transparency in admission, prevent unfair practices in Higher Education Institutions and provide effective mechanism for redressal of the grievances. This Portal facilitates the students/complainants to lodge their grievance, send reminders and view the status of action taken on their grievances. The system also facilitates Universities to search and browse grievances lodged by the students and post action taken on complaints as well as contact complainant directly through e-mail, phone or by post.

This information was given by the Minister of State (HRD), Dr. Satya Pal Singh today in a written reply to a Rajya Sabha question.

NB/AKJ/YP/AK/RK/UGC



so cppi-du <socppidu.ugc@gmail.com>

Grievance received in PG Portal under reference No. DSEHE/E/2023/0008056 dated 21/11/2023

1 message

so cppi-du <socppidu.ugc@gmail.com>

Thu, Dec 28, 2023 at 3:48 PM

To: registrar@pilani.bits-pilani.ac.in

Cc: "Abhinandan_patil_1414@yahoo.com" <Abhinandan_patil_1414@yahoo.com>, Nagappan Gopukumar <ngopukumar@gmail.com>

Sir/ Madam,

I am directed to forward the grievance received from the PG Portal under reference No. DSEHE/E/2023/0008056 dated 21/11/2023 for taking action.

The grievance is directly related to the Birla Institute of Technology & Science, Pilani-333031, Rajasthan, and you are requested to look into the matter and resolve the issue immediately (copy enclosed).

--

Regards/ सादर,

Section Officer (CPP-I/DU)

अनुभाग अधिकारी (सीपीपी-I/DU)

University Grants Commission

विश्वविद्यालय अनुदान आयोग

Bahadurshah Zafar Marg,

बहादुरशाह जफर मार्ग,

New Delhi - 110002.

नई दिल्ली - 110002

Ph./ फ़ोन: 011-23604314.

4 attachments **AllDetails 8056.pdf**
70K **DSEHE_E_2023_0008056.pdf**
172K **PMO_UGC_BITS_Goa_Complaint.pdf**
172K **combinepdf-BITS_Goa.pdf**
942K

Details for registration number : DSEHE/E/2023/0006829

Name Of Complainant	Abhinandan H Patil
Date of Receipt	05/10/2023
Received By Ministry/Department	Higher Education
Grievance Description	
Higher Education >> Miscellaneous/Others Grievances Name : Abhinandan H. Patil Details of course/batch no : PhD from BITS Pilani, Goa Institutes/Agencies : Deemed/Private Institute ----- Dear Madam/Sir, My cases related to unfair evaluation practices in PhD have been pending with the Ministry of Education for the past six months. The details of the grievance/complaint is GRIEVANCE-2023-1071 in deemed.ugc.ac.in/Home Repeated follow-ups have not helped me seek a response. Kindly intervene. The last Grievance Lodged did not conclude in resolution as BITS, Pilani-Goa, did not mention what documents were sought. I request you to nominate a point of contact from BITS Pilani, Goa to know what is expected. Best Regards, Abhinandan H. Patil. 2013PHXF408G, BITS Pilani, Goa. 919886406214	
Current Status	Case closed
Date of Action	19/10/2023
Remarks	
Sir, Please refer to UGC Regulations.2009 which are self explanatory and available on link mentioned below. These UGC Regulations. are mandatory in nature and required to be followed by all concerned Education Institutions which come under the purview of UGC.	
Rating	<input type="text" value="1"/>
Rating Remarks	NotSatisfied
Appeal Details	
Appeal Number	
Date of Receipt	
Appeal Text	
Current Status	
Officer Concerns To	
Officer Name	Prof. Manish R. Joshi (Secretary UGC)
Organisation name	Secretary UGC
Contact Address	University Grants Commission UGC Bahadur Shah Zafar Marg New Delhi
Email Address	secy.ugc@nic.in

Contact Number

01123604120

 Print

 Close

Details for registration number : DSEHE/E/2023/0008056

Name	Abhinandan H Patil
Date of receipt	21/11/2023
Address	Plot No 665 Scheme 40 3 Stage Hanuman Nagar Belgaum
District name	Belagavi (Belgaum)
State name	Karnataka
Mobile no	9886406214
Email Id	Abhinandan_patil_1414@yahoo.com
Grievance description	
Higher Education >> Miscellaneous/Others Grievances	
Name : Abhinandan H Patil Details of course/batch no : PHD Registration Number: 2013PHXF408G Institutes/Agencies : Deemed/Private Institute ----- Dear Madam/Sir, This is with reference to DSEHE/E/2023/0006829. I tried contacting the concerned University BITS Pilani, Goa several times by email and phone. However, BITS Pilani, Goa is non-co-operative. Seek your intervention and guidance again. I have been following up on this issue several times since 2019. I am unable to get a resolution. I am attaching the document for your kind reference. Best Regards, Abhinandan 2013PHXF408G	
Name of organisation(s) where grievance is pending	1. University Grants Commission
Type of receipt	Takenup

[Print](#)[Close](#)

Details for registration number : DSEHE/E/2023/0006829

Name Of Complainant	Abhinandan H Patil
Date of Receipt	05/10/2023
Received By Ministry/Department	Higher Education
Grievance Description	
Higher Education >> Miscellaneous/Others Grievances Name : Abhinandan H. Patil Details of course/batch no : PhD from BITS Pilani, Goa Institutes/Agencies : Deemed/Private Institute ----- Dear Madam/Sir, My cases related to unfair evaluation practices in PhD have been pending with the Ministry of Education for the past six months. The details of the grievance/complaint is GRIEVANCE-2023-1071 in deemed.ugc.ac.in/Home Repeated follow-ups have not helped me seek a response. Kindly intervene. The last Grievance Lodged did not conclude in resolution as BITS, Pilani-Goa, did not mention what documents were sought. I request you to nominate a point of contact from BITS Pilani, Goa to know what is expected. Best Regards, Abhinandan H. Patil. 2013PHXF408G, BITS Pilani, Goa. 919886406214	
Current Status	Case closed
Date of Action	19/10/2023
Remarks	
Sir, Please refer to UGC Regulations.2009 which are self explanatory and available on link mentioned below. These UGC Regulations. are mandatory in nature and required to be followed by all concerned Education Institutions which come under the purview of UGC.	
Rating	<input type="text" value="1"/>
Rating Remarks	NotSatisfied
Appeal Details	
Appeal Number	
Date of Receipt	
Appeal Text	
Current Status	
Officer Concerns To	
Officer Name	Prof. Manish R. Joshi (Secretary UGC)
Organisation name	Secretary UGC
Contact Address	University Grants Commission UGCBahadur Shah Zafar MargNew Delhi
Email Address	secy.ugc@nic.in

Contact Number

01123604120

 Print

 Close

1) I had taken admission in UGC/MHRD approved University, BITS, Pilani (F. 12-23/63-U.2 Dated - 18/06/64) which was allowed to run off campuses by MHRD/UGC (F.10-6/2012-U.3(A) dt. 20th August, 2018).

2) I had pursued PhD from 2014-Jan through 2019-May in this University.

3) The Thesis was rated satisfactory for 10 semesters (Documents attached)

4) My papers submitted details can be got from Google Scholar
<https://scholar.google.com/citations?user=GV2y6GYAAAAJ&hl=en>.

5) However, concerned University off campus had the following demands at the end of 5th year. May 2019.

a) I rewrite Thesis starting from page 1. (The same Thesis which was rated satisfactory for 10 semesters). In word editor of BITS, Goa's choice.

b) Submit additional papers in ACM journals.

c) Spend additional two years in BITS. Goa

d) Few more.

6) The Thesis which was rated satisfactory for 10 semesters (Documents attached) was denied PhD after internal defense.

7) As Faculties were from Mathematics, Physics etc. background, repeated requests were made to get the Thesis evaluated by competent people in CS and Software Eng. field.

I had to raise this issue in several forums.

This Thesis, which was denied PhD got published as Book and is rated as one of the best Books in its category by BookAuthority.org.

Best Regards,

Abhinandan H. Patil

2013PHXF408G

Attachments:

https://abhinandanhpatil.info/wp-content/uploads/2022/09/BITS_Collective_Docs.pdf

https://abhinandanhpatil.info/wp-content/uploads/2022/09/Thesis_comments_solution.pdf

For attachment 2 blue color text is my defense. For example The DAC wants me to rewrite the Thesis starting from Abstract (The whole Thesis from page 1).

I can explain everything orally or in person given an opportunity.

1. clearly mention what the exact goal of this research, and what's the contribution made.
Solution: We shall add sections on the goals and research contributions.
2. The writing of the thesis should be careful-- there are statements which are not supported by evidences and in fact quite controversial.
Solution: Words like adhoc testing will be removed.

Abstract

-
3. It starts with regression testing, and the problems associated with regression testing, which gives an impression to the reviewer that the thesis is about solving some research problems related to Regression Testing domain. However, the thesis is not about that.
Solution: The thesis is about the regression test suite of IoT OS. Therefore, it is about regression testing and it is about IoT OS and its simulator.
 4. The claim such as regression test suites are selected in an adhoc manner-- is very controversial. Where have you seen this? Are you saying that the software product companies are performing regression tests in an adhoc manner till today?
Solution: We shall remove the sentences such as adhoc manner.
 5. Why does this work choose Residual coverage algorithm? What's the motivation? What is ACTS tool? Is it your idea? Then claim your ownership more assertively. If not, then give due credit to the owner of this tool. What exactly is your contribution in ACTS tool, if the original tool is not yours?
Solution: Since general regression test suite study is done before studying the regression test suite of Contiki, topics such as test execution time analysis and test prioritization algorithm (Residual test coverage algorithm in this case) is included. ACTs tool is by NIST as mentioned in the thesis. ACTS tool is merely used to design the test cases using CT-RTS (Combinatorial Testing based Regression Test Suites). CT-RTS is an approach where Regression test suites are designed using Combinatorial Testing approach.
 6. Abstract says- "to demonstrate the advantage of ACTS-RTS", you have selected IoT OS as an example. Question is why IoT? Later on, in the actual thesis, you start with IOT, thereby you give the impression that your goal is to test an IOT software. If that's true, this sentence gives a different impression to the reviewer.
Solution: IoT is chosen as it is best candidate to demonstrate CT-RTS. CT-RTS is most suited for the cases when there are various configurations are involved and when there are various combinations of input parameters. As mentioned the thesis starts with regression study and then moves on to study the regression test suite of IoT OS (Contiki).
 7. So- you need to decide what your objective is: Are you proposing (i) a new and better Regression Test method OR (ii) you are proposing a better testing of IOT software? If (i) -- then you have to argue why current regression testing is not good (with evidence). How you are

solving those, and then demonstrate using data, that your method is better than the others. IOT becomes secondary here. If (ii) -- then you have to argue, why IOT softwares (OS) are not being tested rigorously? How do you know that they are not tested rigorously (evidence)? What's the problem if it is not tested rigorously? What you do propose to address the shortcoming? Why you think Regression testing of IOT software will address the shortcomings?

Solution: We are proposing better regression testing method of IoT OS. There fore it is (i) and it is (ii). When we did the initial analysis of test coverage we got very low coverage. With CT-RTS there was an improvement. CT-RTS is demonstrated on three software. Since the IoT OS is lowest most layer it has to be tested thoroughly for the applications developed on top of it. Regression test suites are augmented with additional test cases which will ensure that the IoT OS is tested thoroughly.

8. have a feeling that you are trying for (ii). If so, you have to rewrite the thesis - starting from Abstract.

Solution: As mentioned earlier, it is about (i) and it is about (ii).

Contribution

9. Residual test coverage is enhanced"--- what do you mean by enhancement? Where is the proof (theoretical or experimental) in the thesis that you have enhanced?

Solution: The Residual test coverage algorithm is enhanced to break the tie when the test case candidates have equal chances of getting executed. As mentioned in the thesis the italic lines are our contribution. Enhanced coverage algorithm takes the test coverage and execution time as parameters to break the tie. The application of Residual test coverage algorithm to real life problem is left as future study.

10. What's the research contribution in building an integration test environment approach? This appears to be a simple engineering problem? Pl rewrite to highlight why it is a research worthy contribution.

Solution: We are proposing the stream lined approach which reduces the duplicating of tools and reduces maintenance problem.

11. Is ACTS-RT your contribution? Please clarify in the thesis.

Solution: Yes CT-RTS is our contribution.

12. You highlighted automation of test script generation. Most of the software product companies have an automated test script generation script (may be proprietary). IBM sells a tool that automates large part of testing. Please highlight how your approach and the tool is different from them.

Solution: No commercial or open source software tools are available which will autogenerate the scripts generation of Contiki/Cooja test cases. There fore we had to develop our own tool.

BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI

No.Ph71166/Jan, 2014
January 10, 2014

To
Mr./Ms. Abhinandan H Patil

Ref: Your application No. PH71166 and the interaction for admission to Ph.D. programme.

Dear Mr./Ms. Abhinandan H Patil,

I am happy to inform you that you have been selected as a provisional student for pursuing Ph.D. programme in the Institute. The admission will be formalized after passing the Ph.D. Qualifying Examination.

You have to report to BITS, Pilani – K. K. Birla Goa Campus for Admission at 9:00 AM on January 13, 2014 for completing the admission formalities. You will be finally admitted to the programme subject to:

1. Your being found medically fit by a Registered Medical Practitioner (Proforma Attached)
2. Submission of following original marksheets and certificates with photocopy of each:
 - a. Matriculation/10th pass certificate
 - b. Marksheets/Grade Cards for all years/Semesters of the degree.
 - c. Degree certificate (if not immediately available, you may submit a provisional degree certificate issued by the university.)
 - d. Payment of requisite fees.

You should also bring original certificates (with photocopies) at the time of reporting for verification, failing which this offer will stand cancelled.

Since you have been granted a fee waiver of 90% of semester fees, you have to pay the 10% of the actual semester fees. In that case, you have to pay fees of Rs. 46,150/- through the bank draft in favour of "BITS, Pilani – K. K. Birla Goa Campus", payable at SBI, BITS Pilani, Goa Centre branch, (Branch Code 10720). **Cheques will not be accepted.** No extension of date will be given for payment of fees. If you leave the Institute after admission, only Institute caution deposit and Mess advance will be refunded.

Yours sincerely,


(ADMISSIONS OFFICER)


BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI

No. Ph71166/Jan, 2014/02
January 10, 2014

To
Mr./Ms. ABHINANDAN H PATIL ✓
PH 71166 ✓

Dear Mr./Ms. ABHINANDAN H PATIL, ✓

With reference to the Admission Offer No. Ph71166/Jan, 2014 dated January 10, 2014 offering you admission to the Ph.D. Programme, we are pleased to offer you an Assistantship of Rs.15,400/- per month, from the date of your registration up to the period ending 31-12-2014. This offer is extendable on satisfactory performance.

The Institute will also provide an additional 90% scholarship to cover your tuition/admission fees for the programme. During this period you will be required to participate in the teaching and other activities assigned to you from time to time. You will be governed by rules and regulations applicable to Ph.D. students.

If this offer is acceptable, please bring a signed copy of this letter at the time of reporting. You are required to report to the concerned department after completing the admission formalities.

Yours sincerely,

Deputy
10/1/2014

DEPUTY REGISTRAR

Deputy Registrar
BITS, Pilani K.K. Birla Goa Camp

BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE
PILANI (RAJASTHAN)

Ref No: EC/07/2014/3/E

Dated: 03-09-2014

Administrative No: 146/1
Ref No: 2014/07/2014/3/E

Sub: Ph.D. Qualifying Examination

You are hereby informed that you are declared PASS in the Ph.D. Qualifying Examination held in July, 2014 at BITS, Pilani - K.K. Birla Goa Campus.


(M.M.S. ANAND)
REGISTRAR

cc: Dean Academic Research Division
Dean Academic Registration & Counseling Division
Admission Officer
Director, BITS Pilani - K.K. Birla Goa Campus

BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI (RAJ.), INDIA

GRADE SHEET

DATE OF ISSUE

SECOND SEMESTER 2013-14

30-June-2014

ID NO
NAME
ADDR

2013PHXP408G
ABHINANDAN H PATIL
- ()

COURSE NO	COURSE TITLE	UNITS	GRADE
BITS C797T	PH D SEMINAR	1	GOOD
BITS C791T	TEACHING PRACTICE I	1	ABOVE AVERAGE

Pr Singh Anand
REGISTRAR

CCGPA CUP 0	ACCU CUP	0
ACCUMULATED UNITS		0
UNITS USED IN CALCULATING CGPA		0
CGPA		0.00

BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI (RAJ.), INDIA


GRADE SHEET

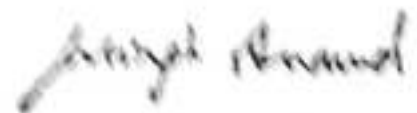
DATE OF ISSUE

02-Jan-2015

FIRST SEMESTER 2014-15

HNO 2013PHNF408G
 NAME ABHINAVAN H PATIL
 UIN - ()

	COURSE NO	COURSE TITLE	UNITS	GRADE
BITS	C792T	TEACHING PRACTICE II	1	ABOVE AVERAGE
BITS	C797T	PA D SEMINAR	1	GOOD
				


 REGISTRAR

CGPA CUP 0	ACCU CUP	0
ACCUMULATED UNITS		0
UNITS USED IN CALCULATING CGPA		0
CGPA		0.00

BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI (RAJ.), INDIA
GRADE SHEET

DATE OF ISSUE

~~SECOND SEMESTER 2014-2015~~

~~30 May 2015~~

ID NO
NAME
ADDR

2013PHXF408G
ABHINANDAN N PATIL

- ()

COURSE NO	COURSE TITLE	UNITS	GRADE
BITS C797T	PH D SEMINAR	1	GOOD

CCGPA CUP 0 ACCU CUP 0
ACCUMULATED UNITS 0
UNITS USED IN CALCULATING CGPA 0
CGPA 0.00

Atishya Anand
REGISTRAR

BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI (RAJ.), INDIA

GRADE SHEET

DATE OF ISSUE

~~FIRST SEMESTER 2015-2016~~

~~05-Jan-2016~~

ID NO
NAME
ADDR

2013PHXF408G
ABHINANDAN H PATIL

- ()

COURSE NO		COURSE TITLE	UNITS	GRADE
BITS	C797T	PH D SEMINAR	1	GOOD EL
BITS	C799T	PH D THESIS	10	SATISFACTORY EL

Pragat Anand
REGISTRAR

CGPA CUP 0 ACCU CUP 0
ACCUMULATED UNITS 0
UNITS USED IN CALCULATING CGPA 0
CGPA 0.00

BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI (RAJ.), INDIA
GRADE SHEET

DATE OF ISSUE

SECOND SEMESTER 2015-2016

01-Jul-2016

IDNO
 NAME 2013PHXF408G
 ADDR ABHINANDAN H PATIL

- ()

COURSE NO		COURSE TITLE	UNITS	GRADE
BITS	C797T	PH D SEMINAR	1	GOOD
BITS	C799T	PH D THESIS	10	SATISFACTORY

Praveen Anand
 REGISTRAR

CGPA CUP 0 ACCU CUP 0
 ACCUMULATED UNITS 0
 UNITS USED IN CALCULATING CGPA 0
 CGPA 0.00

BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI (RAJ.), INDIA

GRADE SHEET

DATE OF ISSUE

FIRST SEMESTER 2016-2017

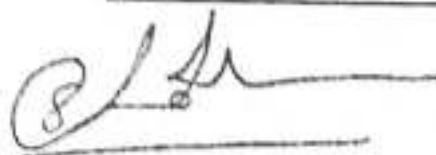
27-Dec-2016

IDNO
NAME
ADDR

2013PHXF408G
ABHINANDAN H PATIL

- ()

COURSE NO	COURSE TITLE	UNITS	GRADE
BITS C797T	PH D SEMINAR	2	GOOD
BITS C799T	PH D THESIS	10	SATISFACTORY



REGISTRAR

CGPA CUP 0	ACCU CUP	0
ACCUMULATED UNITS		0
UNITS USED IN CALCULATING CGPA		0
CGPA		0.00

BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI (RAJ.), INDIA

GRADE SHEET

DATE OF ISSUE



FIRST SEMESTER 2017-2018

30-Dec-2017

IDNO 2013PHXF0408G
 NAME ABHINANDAN H PATIL
 ADDR KAILASH, PLOT NO 665
 SCHEME 40 3RD STAGE
 HANUMAN NAGAR
 BELGAUM 590001
 BELGAUM KARNATAKA-590001 (INDIA)

COURSE NO	COURSE TITLE	UNITS	GRADE
BITS C797T	PH D SEMINAR	1	GOOD
BITS C799T	PH D THESIS	10	SATISFACTORY

REGISTRAR

CGPA CUP 0 ACCU CUP 0
 ACCUMULATED UNITS 0
 UNITS USED IN CALCULATING CGPA 0
 CGPA 0.00

BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI (RAJ.), INDIA

GRADE SHEET

DATE OF ISSUE

SECOND SEMESTER 2017-2018

04-Jul-2018

IDNO
NAME
ADDR

2013PHXF0408G
ABHINANDAN H PATIL
KAILASH, PLOT NO 665
SCHEME 40 3RD STAGE
HANUMAN NAGAR
BELGAUM 590001
BELGAUM KARNATAKA-590001 (INDIA)

COURSE NO		COURSE TITLE	UNITS	GRADE
BITS	C797T	PH D SEMINAR	1	GOOD
BITS	C799T	PH D THESIS	10	SATISFACTORY



REGISTRAR

CGPA CUP 0	ACCU CUP	0
ACCUMULATED UNITS		0
UNITS USED IN CALCULATING CGPA		0
CGPA		0.00

WILP INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI (RAJ.), INDIA
GRADE SHEET

DATE OF ISSUE

FIRST SEMESTER 2018-2019

31-Dec-2018

REGISTRATION NO: 2018PHNXP04089
 NAME: ARUNACHANDRAN N PATTIL
 ADDRESS: PLOT NO 225
 SCHEME 40 3RD STAGE
 HANUMAN NAGAR
 BELGAUM 522001
 BELGAUM KARNATAKA-522001 (INDIA)

COURSE NO	COURSE TITLE	UNITS	GRADE
PHD 0787T	PH D SEMINAR	1	GOOD
PHD 0789T	PH D THESIS	10	SATISFACTORY

REGISTRAR

CGPA CUP 0 ACCU CUP 0
 ACCUMULATED UNITS 0
 UNITS USED IN CALCULATING CGPA 0
 CGPA 0.00

WILP INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI (RAJ.), INDIA
GRADE SHEET

DATE OF ISSUE

FIRST SEMESTER 2018-2019

31-Dec-2018

REGISTRATION NO: 2018PHNXP04089
 NAME: ARUNACHANDRAN N PATTIL
 ADDRESS: PLOT NO 225
 SCHEME 40 3RD STAGE
 HANUMAN NAGAR
 BELGAUM 522001
 BELGAUM KARNATAKA-522001 (INDIA)

COURSE NO	COURSE TITLE	UNITS	GRADE
PHD 0787T	PH D SEMINAR	1	GOOD
PHD 0789T	PH D THESIS	10	SATISFACTORY

REGISTRAR

CGPA CUP 0 ACCU CUP 0
 ACCUMULATED UNITS 0
 UNITS USED IN CALCULATING CGPA 0
 CGPA 0.00

Fwd: Pre Ph.D. Seminar of Mr. Abhinandan H Patil (2013PHXF0408G)

From: Abhinandan H Patil (p2013408@goa.bits-pilani.ac.in)

To: Abhinandan_patil_1414@yahoo.com; Abhinandan.gladiator@gmail.com; sangeetapatil1981@gmail.com

Date: Wednesday, 10 July 2019, 11:01 am GMT+5:30

----- Forwarded message -----

From: **A Baskar** <abaskar@goa.bits-pilani.ac.in>

Date: Wed, May 15, 2019 at 1:48 PM

Subject: Fwd: Pre Ph.D. Seminar of Mr. Abhinandan H Patil (2013PHXF0408G)

To: Abhinandan H Patil <p2013408@goa.bits-pilani.ac.in>, Computer Sc. & I.S. Office <csis.office@goa.bits-pilani.ac.in>

----- Forwarded message -----

From: **A Baskar** <abaskar@goa.bits-pilani.ac.in>

Date: Wed, May 15, 2019 at 1:48 PM

Subject: Pre Ph.D. Seminar of Mr. Abhinandan H Patil (2013PHXF0408G)

To: A Baskar <abaskar@goa.bits-pilani.ac.in>, Anup Basil Mathew <anupm@goa.bits-pilani.ac.in>, Ashwin Srinivasan <ashwin@goa.bits-pilani.ac.in>, Basabdatta Bhattacharya <basabdattab@goa.bits-pilani.ac.in>, Bharat M. Deshpande <bmd@goa.bits-pilani.ac.in>, Debasis Das <debasisd@goa.bits-pilani.ac.in>, Dr. Biju K Raveendran <biju@goa.bits-pilani.ac.in>, Gargi Alavani <2015rscsis02@goa.bits-pilani.ac.in>, Geeta Patil <geetapatil@goa.bits-pilani.ac.in>, Harsha V <p20160411@goa.bits-pilani.ac.in>, Hemant Rathore <hemantr@goa.bits-pilani.ac.in>, Lokesh Kumar <p20180014@goa.bits-pilani.ac.in>, MAYUR JARTARKAR <p20150016@goa.bits-pilani.ac.in>, Neena Goveas <neena@goa.bits-pilani.ac.in>, Raj Jaiswal <jaiswal.raaj@gmail.com>, Ramprasad S. Joshi <rsj@goa.bits-pilani.ac.in>, Rizwan Parveen <rizwanp@goa.bits-pilani.ac.in>, S. K. Sahay <ssahay@goa.bits-pilani.ac.in>, Santonu Sarkar <santonus@goa.bits-pilani.ac.in>, Shamanth. N <p2011405@goa.bits-pilani.ac.in>, Shreenivas A Naik <shreenivasn@goa.bits-pilani.ac.in>, Shubhangi K Gawali <shubhangi@goa.bits-pilani.ac.in>, Soumyadip Bandyopadhyay <soumyadipb@goa.bits-pilani.ac.in>, Sreejith V <srev@goa.bits-pilani.ac.in>, Sujith Thomas <teesujith@gmail.com>, Swati Agarwal <swatia@goa.bits-pilani.ac.in>, Tirtharaj Dash <p20160421@goa.bits-pilani.ac.in>, Trupil Limbasiya <p20170417@goa.bits-pilani.ac.in>, Vinayak Naik <vinayak@goa.bits-pilani.ac.in>

Dear all,

Pre Ph.D. seminar of **Mr. Abhinandan H Patil (2013PHXF0408G)** will be held as per the following schedule:

Date : 16/05/2019, Thursday

Time : 04:00 --05:00 P.M.

Venue : A506

Ph.D. Supervisor: Prof. Neena Goveas

Ph.D. Co-supervisor: Prof. Krishnan Rangarajan

DAC Members:

1. Prof. Bharat M Deshpande
2. Prof. Santonu Sarkar

Title: Design and Implementation of Combinatorial Testing based Test suites for Operating Systems used for Internet of Things

ABSTRACT:

Regression test selection, augmentation, prioritizing and pruning are the areas in which significant amount of research work has already been done. In spite of this, in few cases, testing is done in non-methodical manner by selecting a few important parameters and their combinations. It is possible to take a more rigorous approach to this problem using the combinatorial testing approach. Despite the advantages of such an approach, this approach has not been used in many cases where it is needed. This Thesis presents a practical approach to applying combinatorial testing and augment the base regression test suite of Contiki and Cooja with National Institute of Standards Technology (NIST) tools. We share the results of use of combinatorial testing for Contiki and Cooja regression test suite. Our work looks at the existing regression test suite and studies its inadequacies. We then incorporate additional tests as part of re-engineering of the existing test suite using Automated Combinatorial Testing for Software (ACTS) tool. Test suite was written from scratch for the Cooja simulator of Contiki Operating system. In each case we measured the coverage in Contiki simulator. We report on the automation of test case generation for Contiki and Cooja as well.

This thesis studies the following research problems:

- Study of generic regression test suites with respect to execution time
- Design and implementation of combinatorial testing based test suites for Contiki operating system and its simulator Cooja
- Measuring the effectiveness of designed test suites using the traditional coverage techniques like code coverage
- Automation of test scripts generation from combinatorial testing design model and analyzing coverage. Further refinement of the combinatorial testing design model for Contiki and Cooja till the desired results are achieved.
- Propose an integrated test environment for combinatorial testing
- Enhancement of test prioritization algorithm viz. Residual test coverage algorithm taking execution time and code coverage as parameters.

All are welcome to attend.

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Dr. A Baskar,
Assistant Professor, CS&IS Department,
BITS Pilani K K Birla Goa Campus.

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Dr. A Baskar,
Assistant Professor, CS&IS Department,
BITS Pilani K K Birla Goa Campus.

BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, KK BIRLA GOA CAMPUS
ACADEMIC DIVISION - GRADUATE STUDIES & RESEARCH

Ref. DCC/ 203.04

25th July, 2019

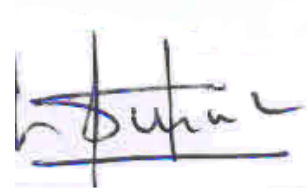
To

Associate Dean, AGSRD, BITS, Pilani - KK Birla Goa Campus

The following names have been removed from Ph.D. rolls.

S.No	ID No.	Name	Reason
1	2013PHXF0408G	Abhinandan H Patil	Personal reasons
2	2018PHXP0437G	Shruti A. Nadagouda	Health issues

This is for your information and further n.a. please.



(Srinivas Krishnaswamy)
DEAN ACADEMIC, GSRD

CC:

Supervisor

HoD

Associate Dean, SWD, BITS, Pilani - KK Birla Goa Campus

Associate Dean, AUGSRD, BITS, Pilani - KK Birla Goa Campus

Approval letter for discontinued from PhD Program

From: Academic Graduate Studies and Research Division Office (agsrd.office@goa.bits-pilani.ac.in)

To: abhinandan_patil_1414@yahoo.com; p20180437@goa.bits-pilani.ac.in

Cc: abaskar@goa.bits-pilani.ac.in; vsingh@goa.bits-pilani.ac.in; ashwin@goa.bits-pilani.ac.in; ranjitp@goa.bits-pilani.ac.in; neena@goa.bits-pilani.ac.in; csharma@goa.bits-pilani.ac.in; bmd@goa.bits-pilani.ac.in; swd@goa.bits-pilani.ac.in; admissions.office@goa.bits-pilani.ac.in; registration.office@goa.bits-pilani.ac.in

Date: Tuesday, 13 August 2019 at 02:34 pm GMT+5:30

Dear Student,
PFA Approval letter for discontinued from PhD Program.
Regards,
Academic Graduate Studies & Research Division

AGSRD Office: 0832-2580-108(O)

AGSRD window: <http://www.bits-pilani.ac.in/Goa/ARD/ARD>



List of removed from Ph.D. rolls .pdf
119.1kB

Details for registration number : DSEHE/E/2024/0001267

Name Of Complainant	Abhinandan H Patil
Date of Receipt	24/02/2024
Received By Ministry/Department	Higher Education
Grievance Description	
Higher Education >> Miscellaneous/Others Grievances Name : Abhinandan H. Patil Details of course/batch no : 2013PHXF408G - BITS Pilani, Goa Institutes/Agencies : Deemed/Private Institute ----- Dear Madam/Sir, This issue is concerning DSEHE/E/2024/0000494. Kindly direct BITS Pilani, Goa for the following: 1. The University has not deposited the Ph.D. credits in the Academic Bank of Credits for ABC ID is 134-126-530-438. 2. The University must give NOC on BITS Pilani letterhead with seal and signature for credit transfer. This is essential for other Universities to accept my credit transfers. BITS Pilani, Goa is neither awarding Ph.D. nor issuing NOC. This matter is been overlooked by the concerned University since mid-2019 resulting in a lot of loss for me. I have paid fees for all the semesters. Submitted papers as per the University requirements. Worked as TA for a very nominal salary. Delivered a good-quality Thesis. However, I objected to invalid comments on the Thesis with proper justifications as in the attached pdf. This might be the reason for the refusal to award the Ph.D. NOC and credit transfer are essential for me to pursue PhD from other Universities. Already I have lost 5 years because of the laxity of the University. Best Regards, Abhinandan.	
Current Status	Under process
Date of Action	04/03/2024
Officer Concerns To	
Officer Name	Dr. N. Gopukumar- DU NF (Joint Secretary)
Organisation name	University Grants Commission
Contact Address	University Grants Commission University Grants Commission University Grants Commission
Email Address	gopukumar.ugc@gov.in
Contact Number	26304212
Reminder(s) / Clarification(s)	
Reminder Date	Remarks
11/03/2024	Dear Sir, Also, my coursework certificate does not mention the Theory subjects passed. Request you to direct the University to mention the Theory subjects passed as part of course work. Best Regards, Abhinandan.
30/03/2024	Dear Sir, I am eagerly looking forward for your response. Best Regards, Abhinandan.

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