

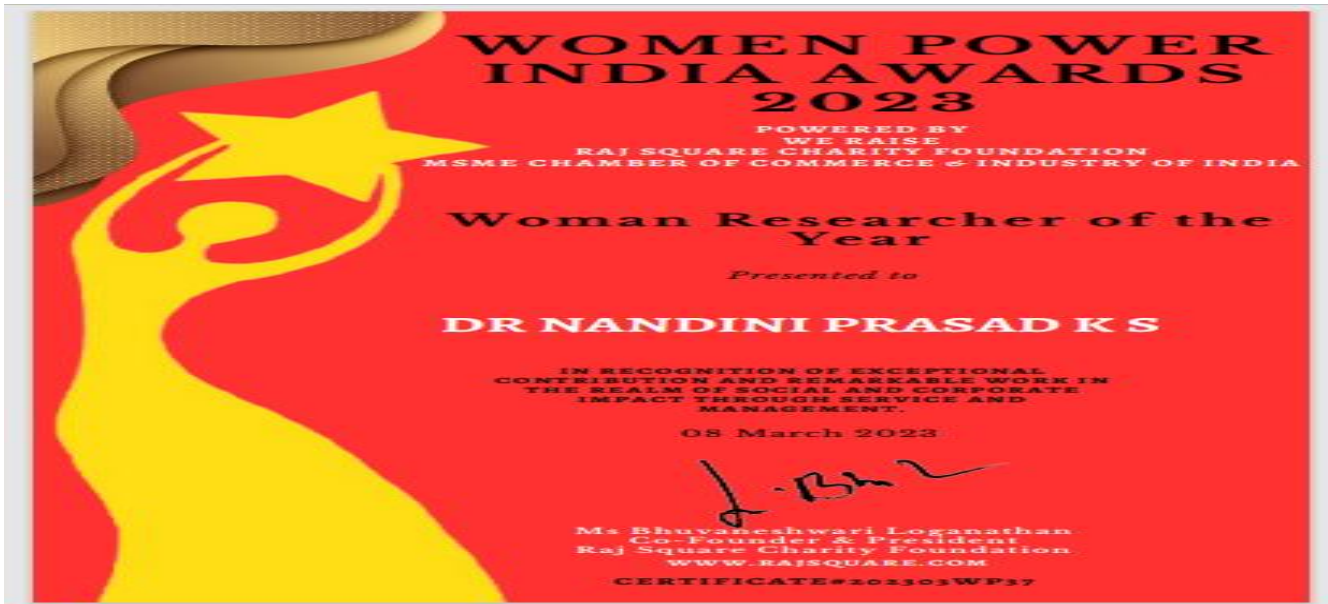


DAYANANDA SAGAR ACADEMY OF TECHNOLOGY & MANAGEMENT
 Opp. Art of Living, Udayapura, Kanakapura Road, Bangalore- 560082
 Affiliated to Visvesvaraya Technological University, Belagavi and Approved by AICTE, New Delhi
 All BE courses Accredited for 3 years by NBA, New Delhi

DEPARTMENT OF INFORMATION SCIENCE and ENGINEERING

FACULTY ACHIEVEMENTS

- EVENT 1:** Dr. Nandini Prasad K S was awarded as “Women Researcher of the Year” on Women’s Day (8.3.2023) Powered By Raj Square Charity Foundation, MSME Chamber of Commerce & Industry of India



- EVENT 2:** Dr. Nandini Prasad K S, Mrs. Samatha won Best Paper Award in Second International Conference on Advanced Technologies in Intelligent Control, Environment, Computing & Communication Engineering (ICATIECE), Bangalore, India, DSATM, 2022



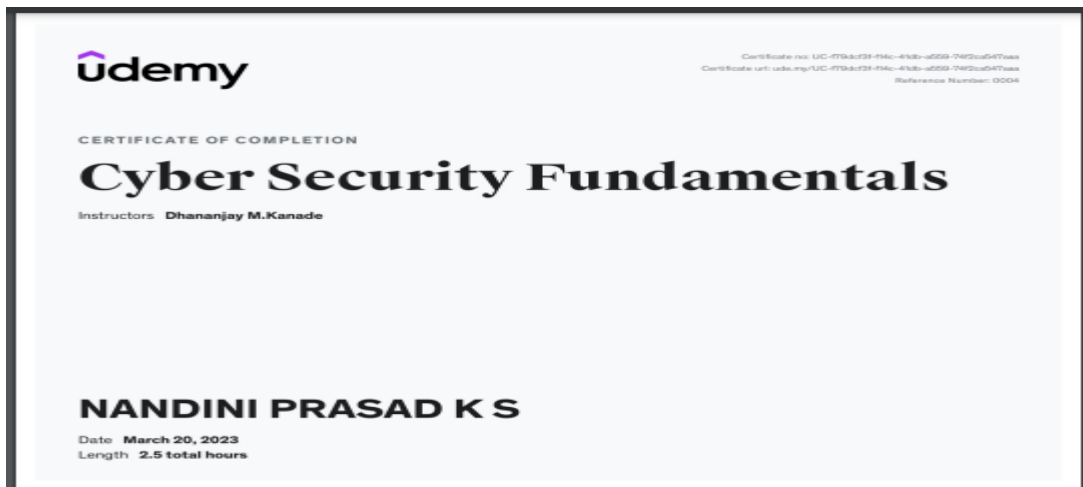
3. **EVENT 3:** **Dr. Nandini Prasad K S, Dr. Thirukrishna and Mrs. Spandana S G** awarded **Best Paper Award** in International Conference on “Advances in Materials, Ceramics and Engineering Sciences-2023” held at DSCE from 13th to 15th March, 2023



4. **EVENT 6:** **Mrs. Sowmya S R** received appreciation on 8.3.2023 for long time service at DSATM



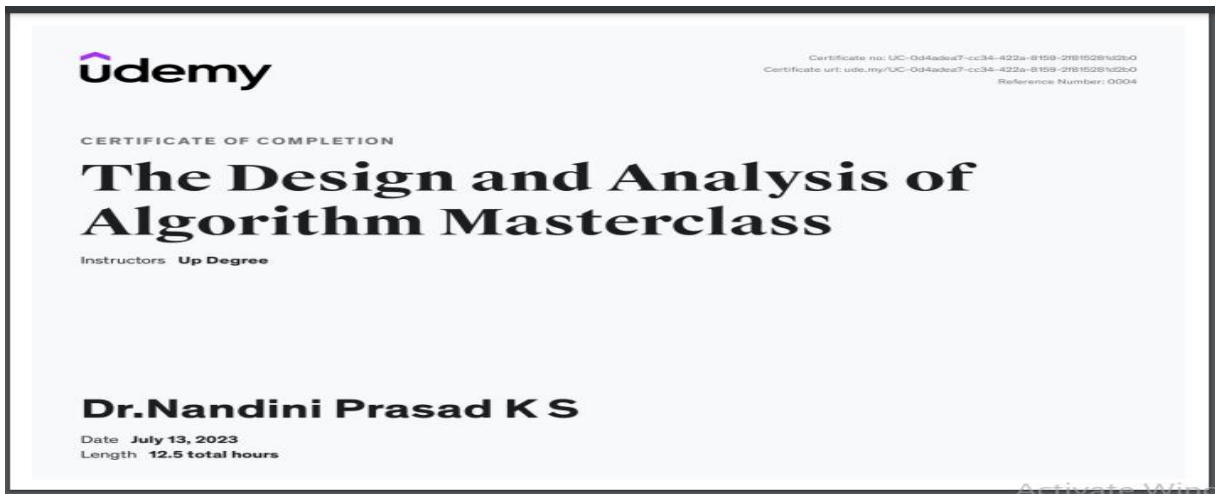
5. **EVENT 7:** **Dr. Nandini Prasad K S** completed & Certified course on "Cyber Security Fundamentals": March 20, 2023 from Udemy.



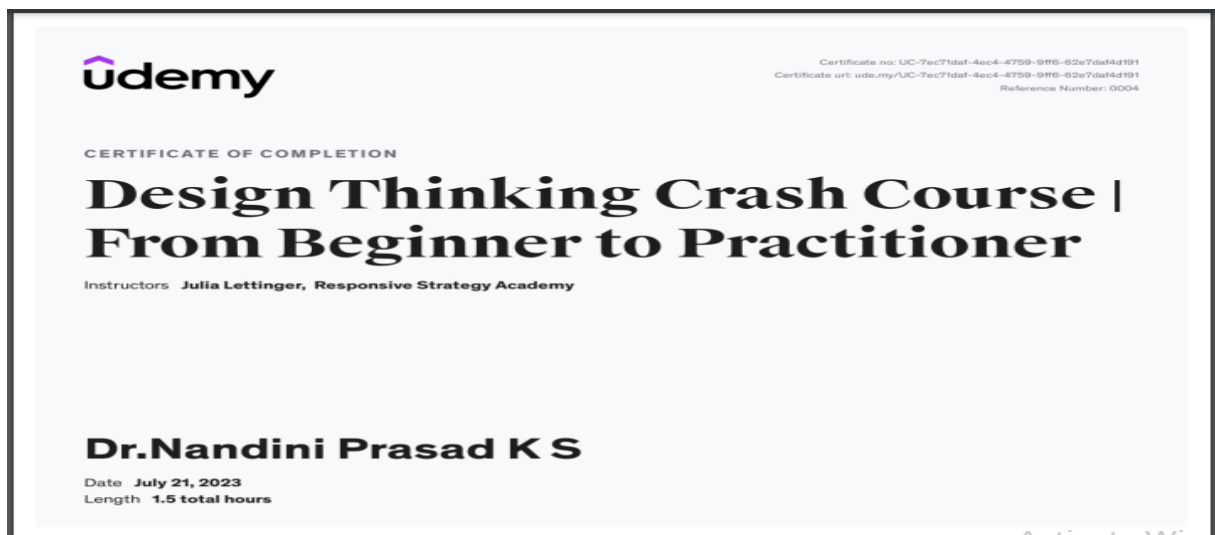
6. **EVENT 8: Dr. Nandini Prasad K S** completed & Certified course on “Outcome Based Education And Academic Quality Assurance” from Udemy



7. **Dr. Nandini Prasad K S** completed & Certified course on “The Design and Analysis of Algorithm Masterclass: July13, 2023 from Udemy.



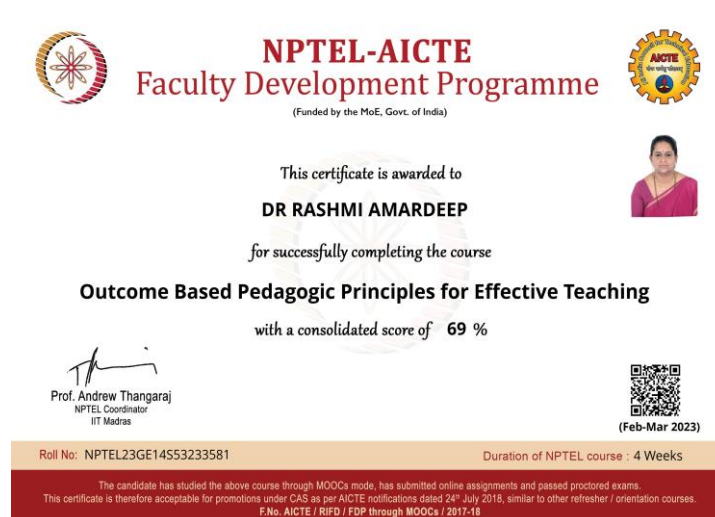
8. **Dr. Nandini Prasad K S** completed & Certified course on “Design Thinking Crash Course-From Beginner to Practitioner” from Udemy.



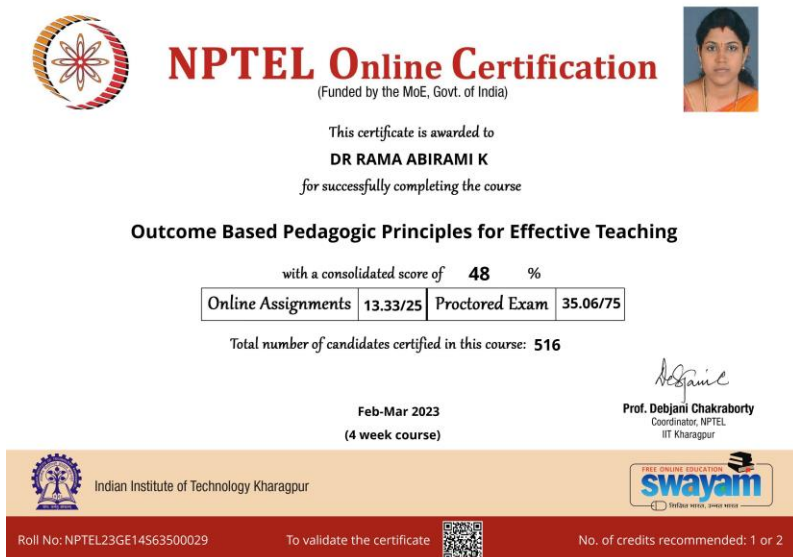
9. **EVENT 9: FACULTY ACHIEVEMENT: Dr.G.Manjula** completed & Certified course on “How to secure funding - ECR edition” & “Funding Hacks for Researchers” from Elsevier Research Academy, “Outcome based education and academic quality assurance” from Udemy



10. **EVENT 10: FACULTY ACHIEVEMENT: Dr.Rashmi Amardeep** completed & Certified course on “Outcome Based Pedagogic Principles For Effective Teaching” from NPTEL



11. **EVENT 11: FACULTY ACHIEVEMENT: Dr.Rama Abirami K** completed & Certified course on “Outcome Based Pedagogic Principles For Effective Teaching” from NPTEL



NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to
DR RAMA ABIRAMI K
for successfully completing the course

Outcome Based Pedagogic Principles for Effective Teaching

with a consolidated score of **48** %

Online Assignments	13.33/25	Proctored Exam	35.06/75
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Total number of candidates certified in this course: 516

Feb-Mar 2023
(4 week course)

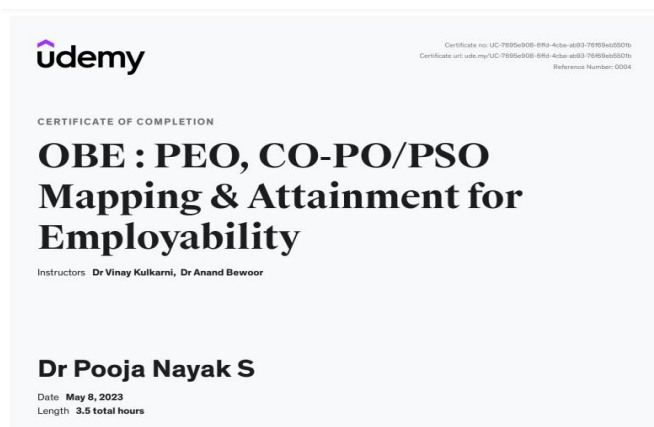
Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL23GE14563500029 To validate the certificate No. of credits recommended: 1 or 2

12. **FACULTY ACHIEVEMENT: Dr.Pooja Nayak** completed & Certified course on “OBE: PEO,CO-PO/PSO Mapping & Attainment for Employability” & “The Design and Analysis of Algorithm Masterclass” from UdeMy



UdeMy

Certificate no: UC-7955d908-8f6f-4d3a-a093-7955d908010c
Certificate url: ude.my/UC-7955d908-8f6f-4d3a-a093-7955d908010c
Reference Number: 0004

CERTIFICATE OF COMPLETION

OBE : PEO, CO-PO/PSO Mapping & Attainment for Employability

Instructors: Dr Vinay Kulkarni, Dr Anand Bewoor

Dr Pooja Nayak S

Date: May 9, 2023
Length: 3.5 total hours



UdeMy

Certificate no: UC-69903076-912a-4192-b108-42a6f8a20202
Certificate url: ude.my/UC-69903076-912a-4192-b108-42a6f8a20202
Reference Number: 0004

CERTIFICATE OF COMPLETION

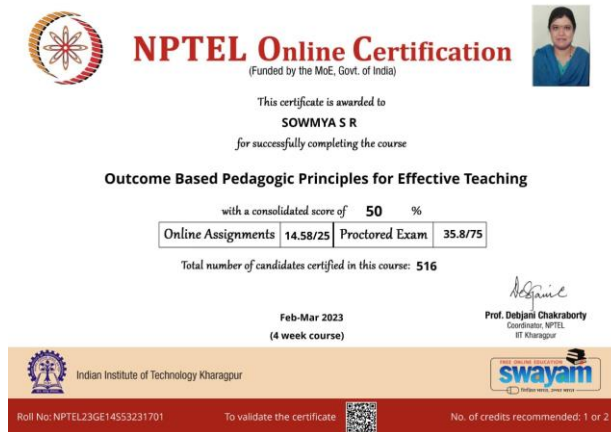
The Design and Analysis of Algorithm Masterclass [2023]

Instructors: Up Degree

Dr Pooja Nayak S

Date: June 10, 2023
Length: 12.5 total hours

13. **EVENT 13: Mrs. Sowmya S R** completed & Certified course on “Outcome Based Pedagogic Principles For Effective Teaching” from NPTEL



NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to
SOWMYA S R
for successfully completing the course

Outcome Based Pedagogic Principles for Effective Teaching

with a consolidated score of **50** %

Online Assignments	14.58/25	Proctored Exam	35.8/75
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Total number of candidates certified in this course: 516

Feb-Mar 2023
(4 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL23GE14553231701 To validate the certificate No. of credits recommended: 1 or 2

14. **EVENT 14: Mrs. Supriya R.K** completed & Certified course on “Outcome based education and academic quality assurance” & “Introduction to Databases and SQL Querying” from Udemy, “Programming Essentials in C++” from CISCO

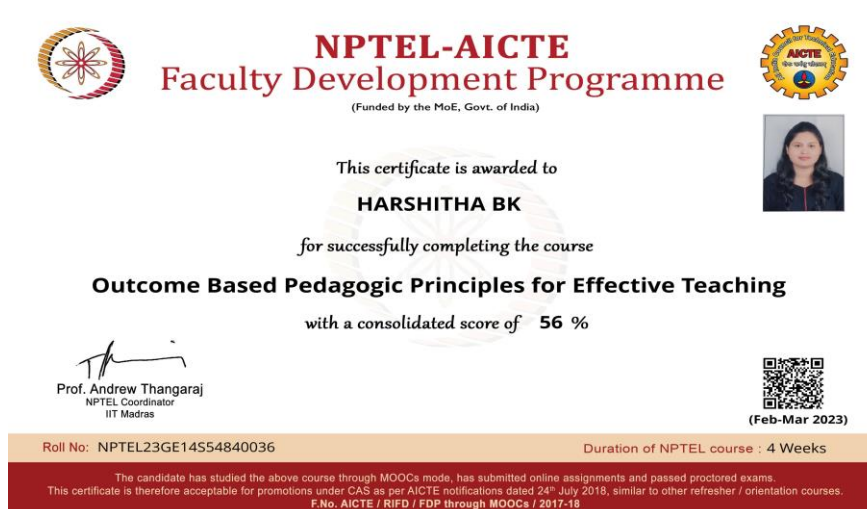


15. **EVENT 15: FACULTY ACHIEVEMENT: Mrs. Spandana S G** completed & Certified course on “Outcome Based Pedagogic Principles for Effective Teaching” from NPTEL

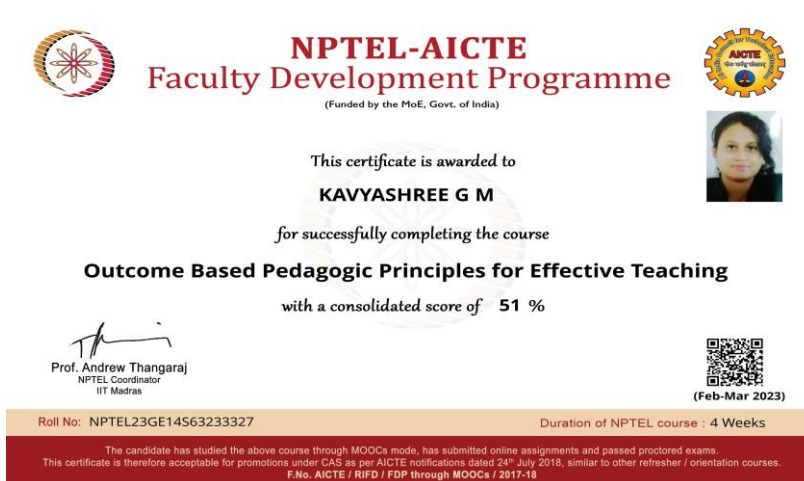


16. **EVENT 16: FACULTY ACHIEVEMENT: Mrs. Ashwini R** completed & Certified course on “Blockchain 101”, “IoT Edge Computing and IoT Analytics”, “Basics of Python”, “IoT Platforms Overview”, “Decision Trees using Python”, “Machine learning with Scala”, “Introduction to Machine Learning” from Infosys spring board and “Azure Fundamentals” from Microsoft

17. **EVENT 17: FACULTY ACHIEVEMENT: Ms.Harshitha** completed & Certified course on “Outcome Based Pedagogic Principles For Effective Teaching” from NPTEL



18. **EVENT 18: FACULTY ACHIEVEMENT: Mrs. Kavyashree G M** completed & Certified course on “Outcome Based Pedagogic Principles For Effective Teaching” from NPTEL



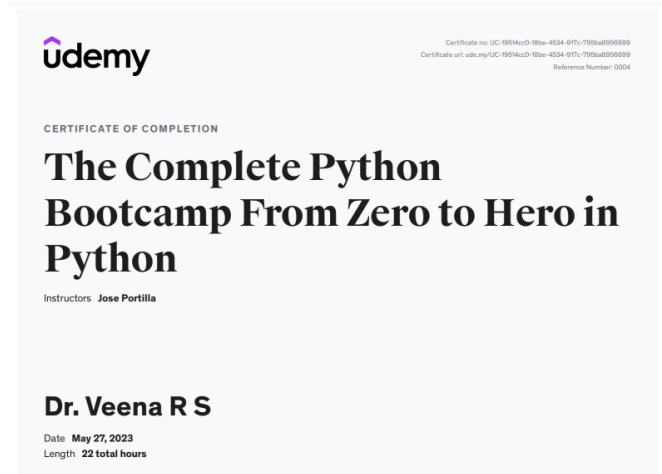
19. **EVENT 19: FACULTY ACHIEVEMENT: Ms. Pavani C** completed & Certified course on “Outcome based education and academic quality assurance” from Udemy



20. **EVENT 20: FACULTY ACHIEVEMENT: Ms. Samatha R Swamy** completed & Certified course on “Outcome based education and academic quality assurance” from Udemy



21. **EVENT 21: FACULTY ACHIEVEMENT: Dr. Veena R S** completed & Certified course on “Outcome based education and academic quality assurance” & “The Complete Python Bootcamp From Zero to Hero in Python” from Udemy



22. **EVENT 22: FACULTY ACHIEVEMENT: Ms. Spoorthi** completed & Certified course on “Outcome based education and academic quality assurance” from Udemy



23. **EVENT 23: FACULTY ACHIEVEMENT: Dr. Lokabhiram Dwarakanath** completed & Certified

course on “Outcome based education and academic quality assurance” from Udemy



24. EVENT 24: FACULTY ACHIEVEMENT: Mrs. Sridevi G M completed & Certified course on “Outcome based education and academic quality assurance” from Udemy



Ms. K R Surabhi, Assistant Professor, Dept. of ISE has 1.Completed Infosys Springboard courses on OOP using Python and Programming Fundamentals using Python; 2. Participated in FEP organized at DSATM by Infosys Springboard.

Activate Window



Mrs. Nikshepa T, Assistant Professor, Dept. of ISE has 1.Completed Infosys Springboard courses on OOP with Python and Programming Fundamentals using Python; 2. Participated in FDP organized at DSATM by Infosys Springboard.

Activate Window



Mrs. Spoorthi G.S, Assistant Professor, Dept. of ISE has 1.Completed Infosys Springboard courses on OOP with Python and Programming Fundamentals using Python; 2. Participated in FDP organized at DSATM by Infosys Springboard.

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Funded Projects- Sanctioned



Faculty Name	Role	Title	Funding Agency	Application ID/Date	Amount in Rs.	Status
Dr. Ravishankar M	Guide	Military Grade FPV Drone for Enemy Recognition	Karnataka State Council for Science and Technology, Bengaluru	46S_BE_3990 / April 2023	Rs. 4000	Completed
Dr. Nandini Prasad K S						

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

Website: www.kscst.org.in | Email: spp@kscst.org.in | Tel: 080-2334 1632, 2334 6846-6940

46th series of Student Project Programme (SPP): 2022-23

List of Projects Selected for State Level Seminar and Exhibition to be held at Alva's Institute of Engineering and Technology, Moodubidre on 11 – 12 August 2023

34. DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT, BENGALURU

Sr. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	SELECTED FOR
66.	46S_BE_5308	PERFORMANCE EVALUATION OF SOLAR DESALINATION PROTOTYPE FOR TREATING SEAWATER/BRACKISH WATER.	B.E.	CIVIL ENGINEERING	Prof. SHREYAS B V Dr. K N VISHWANATH	Mr. K S BHARATH KUMAR Mr. SRINATH C B Mr. K HARISHYTA Mr. DINESH RANAR C M	EXHIBITION
67.	46S_BE_3671	BLOOD GROUP DETECTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. MANJUNATHA PRASAD R Dr. SUBANYA M N	Mr. YERENDI SAJ GREEESH Mr. TREVIN A Mr. SHAMASHYADABECAM M HARISHI Mr. TEJAS PRAKASH	SEMINAR
68.	46S_BE_3990	MILITARY GRADE FPV DRONE FOR ENEMY RECOGNITION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. RAVISHANKAR M Dr. NANDINI PRASAD RS	Mr. PRALOJAL KUMAR Mr. JYOTSI KUMAR Mr. ANKOT GARG Mr. POORNIMA ARYA	EXHIBITION

Notes:

- The above-mentioned project teams shall implement all the suggestions given by the experts during the midterm evaluation.
- The synopsis of the projects shall be submitted on or before 10th July 2023 via the Google Forms <https://forms.gle/nMTaJrwdg3M1wv4t>

Details of Patents Filed & Granted

S.No.	Faculty Name	Patent Application No.	Patent Title	Status	Published Date
1	Dr. Nandini Prasad K S & Samatha R Swamy	202341039939	Performance Evaluation of Computer-Aided Detection and Diagnosis system for Tumor Using Big Data Analytics	Filed	12.06.2023
2	Dr. Nandini Prasad K S	202321017610	Cyber-Security Technologies for Leading Challenges and Future Recommendations	Filed	16.03.2023
3	Dr.G.Manjula	353676-001	An Escalator Cleaning Robotic Device	Granted	09.03.2023
4	Dr.J T Thirukrishna	202341008394	IoT-driven for Task Scheduling Algorithm using High Performance Using Reference Queues for Cloud Data Centers	Published	17.02.2023

S.No	Faculty Name	Patent Application No.	Patent Title	Status	Published Date
5	Mrs. Sowmya S.R Mrs. Nikshepa T, Ms. Surabhi K.R	202241027766	Crop Growth Monitoring System	Published	03.06.2022
6	Dr.Rama Abirami K	202241007993	IOT based Secured and Energy – Efficient Routing Protocols using Wireless Sensor Networks (WSNs)	Published	15.02.2022
7	Dr.M.Kusuma	202241000486	IoT based financial modeling Big data Analytics System for use in financial management sector	Published	21.01.2022

RESEARCH GUIDES DETAILS

<u>S.No.</u>	<u>Guide Name</u>	<u>Supervisor Registration ID</u>	<u>Date of Recognition</u>	<u>Number of Research Scholars Guiding</u>	<u>Number of Research Scholars Completed Ph.D</u>
1	<u>Dr. Nandini Prasad K S</u>	VTU0917232	AUG.2015	06	02
2	<u>Dr. Kusuma M</u>	VTU 10174966	FEB. 2017	03	-
3	<u>Dr. Thirukrishna J T</u>	012021RSIS000026	31.03.2021	02	-
4	<u>Dr. Manjula G</u>	012021RSCS000399	31.03.2021	02	-

Research Scholars (On going) from dept. of ISE

Details of Research Scholars at DSATM

<u>Sl. no.</u>	<u>Faculty Name</u>	<u>Research Centre</u>
1	<u>Mrs. Sowmya.S.R</u>	Dept. of CSE, DSATM
2	<u>Mrs. Swethasree R</u>	Dept. of CSE, DSATM

Details of Research Scholars (Pursuing Research at Other Institutions)

<u>Sl. no.</u>	<u>Faculty Name</u>	<u>Research Centre</u>
1	Mrs. Nikshepa T	BMS College of Engineering
2	Mrs. Spoorthi G.S	<u>Dr. Ambedkar Institute of Technology</u>
3	Mrs. Sridevi G.M	JSS Institute of Technology

DETAILS OF FACULTY INTERACTION WITH OUTSIDE WORLD AND WITH VTU: 2023 Data

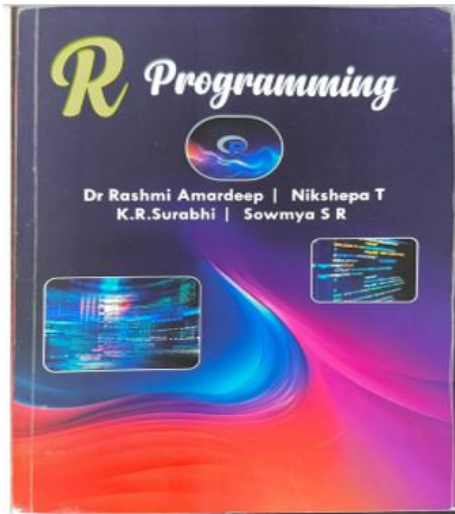
Year	Faculty name	Academic Activity
2023	<u>Dr.Nandini Prasad K S</u>	<ul style="list-style-type: none"> • BOS member at MSRIT • Doctoral committee member for <u>Ph.D</u> scholar at MSRIT • Delivered talk at VTU, Mysore on 22/5/2023
2023	<u>Dr. J.T.Thirukrishna</u>	<ul style="list-style-type: none"> • Appointed by VTU as DCS at City Engineering College for the conduction of Jan. / Feb. 2023 VTU exams
2023	<u>Dr. Rashmi Amardeep</u>	<ul style="list-style-type: none"> • Appointed by VTU as DCS at City Engineering College for the conduction of Jan. / Feb. 2023 VTU exams

Faculty name	Name of Editorial Boards
<u>Dr.Nandini Prasad K S</u>	<ol style="list-style-type: none"> 1.Reviewer in IEEE International Conference on Integrated Circuits and Communication Systems (ICICACS - 2023), 24th & 25th February 2023 Organized by Department of Electronics and Communication Engineering of H.K.E. Society's S.L.N. College of Engineering, Raichur. 2. Reviewer for IEEE International Conference on Applied Intelligence and Sustainable Computing(ICAISC-2023), SDMCET, Dharwad from 16th-17th June, 2023. 3. Reviewer for 2023 IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics (ICDCECE), Ballari Institute of Technology from 29-30 April 2023 4. SESSION CHAIR at the "International Conference on Advances in Computer Engineering, Communication Systems and Business Development (ICACECSBD-2023)" Organized by Institute For Engineering Research in association with S.S. Maniar College of Computer and Management, Nagpur, India held on 26th & 27th May 2023.
<u>Dr. Thirukrishna J.T</u>	<ol style="list-style-type: none"> 1. Program Committee Member and Reviewer in the International Conference on Computer Vision and Robotics (CVR 2023) held during February 24th & 25th 2023. 2. Indian Examiner for <u>Bhartiyar University Ph.D</u> candidate 3.WPC SCI indexed journal reviewer for the paper review done July 13 07 2022 4. Paper reviewer for Journal of Supercomputing/SCI Paper reviewer

BOOK PUBLICATION:

JULY 2023

FACULTY ACHIEVEMENT: BOOK PUBLICATION



Faculty of department of ISE have published book on **R-Programming**.



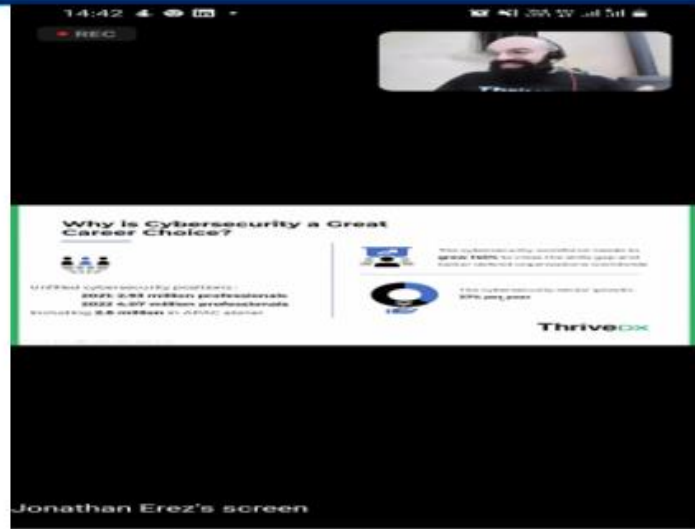
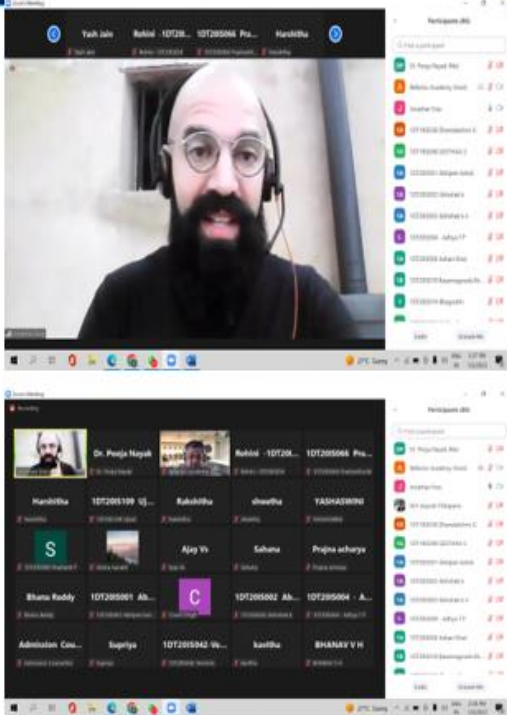
Faculty of department of ISE participated and won in “LUDOPE” Organized by DSBA on 21/7/2023 .

Faculty Exchange Programme

Ms. Surabhi K R and Ms. Nikshepa T visited YARSI University, Jakarta, Indonesia and Dr.Ummi Azizah Rachmawati Dean, Information Technology had come Dayananda Sagar Academy of Technology & Management



International Webinar on “Career Opportunities in Cyber Security” on Jan. 2nd, 2023:



Mr. Jonathan Erez, Head of Training, **ThriveDX** Saas, Greater Paris Metropolitan Region



Ms. K R Surabhi, Assistant Professor, Dept. of ISE has been awarded **1st Prize in Logo Design** on 16/8/2023..



Mrs. Sowmya S.R, Assistant Professor, Dept. of ISE has been awarded **2nd Prize in Slogan Design** on 17/8/2023.