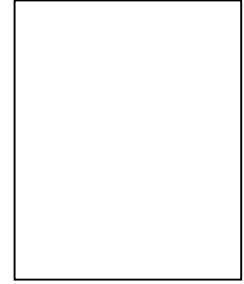


Curriculum Vitae

Mrs. Mrunali Desai

Personal Details

Full Name : Mrs. Mrunali Amit Desai
Date of Birth : 7th November, 1977
Gender : Female
Marital Status : Married



Contact Details

Mobile : 98699 18310
Address : 703, Durga Krupa CHS, Navghar Road, Hanumaan Chawk,
Mulund (E), Mumbai – 81
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Academics

PARTICULAR	UNIVERSITY /BOARD	COLLEGE/ SCHOOL	YEAR OF PASSING	PERCENT AGE	RESULT
M.E.	Mumbai University, Kalina, Mumbai, Maharashtra	Thadomal Shahani Engineering College, Bandra, Mumbai	Oct-2011	71%	First Class with distinction
B.E.	Saurashtra University, Rajkot, Gujarat	C.U. Shah College of Engineering and Technology, Wadhwan, Gujarat	May-2001	65.49%	First Class
Diploma in Computer Engineering	Technical Examinations Board Gujarat State, Gandhinagar, Gujarat	Government Polytechnic For Girls, Surat, Gujarat	Apr-1998	64.11%	First Class
H.S.C.E.	Gujarat Higher Secondary Board, Gandhinagar, Gujarat	Sheth P. H. Vidyalaya, Navsari, Gujarat	May-1995	64.8%	First Class
S.S.C.E.	Gujarat Secondary Board, Gandhinagar, Gujarat	Sheth P. H. Vidyalaya, Navsari, Gujarat	May-1993	75.71%	First Class with distinction

Experience

Teaching Experience :

Working as Assistant Professor in Computer Engineering department at K.J. Somaiya Institute of Engineering and Information Technology ,Sion since 8th September 2006.

Industrial Experience :

Worked as Senior Programmer from Dec-2001 to June-2005 at SSD Infotech Software, Surat, Gujarat.

Worked as Software Developer from Feb-2006 to June-2006 at Accurate Computer Consultancy, Surat, Gujarat.

IT Exposure

Key Skills : Android, php, .NET, Visual Basic 6.0, Crystal Reports

Databases : Oracle, Microsoft SQL Server, MySql

Languages Known : C, C++, Java, Matlab

Key Achievements

- ERP Module for Meera Industries, Sachin, Surat, Gujarat.
- Image capturing and Editing Software for Endoscopy and Laparoscopy
- OPD Management System, Indoor Management System, History Management System for various Hospitals.

Consultancy Projects Developed

1. Developed "Kisaan Khazana (Healthy Earth Wealthy Farmer)" Mobile application for Godavari Bio refineries Ltd. Sameerwadi, Karnataka. This mobile application launched on Google Play Store on 06/07/17.
2. Developed Examination Process management Application to automate Examination process for K. J. Somaiya Science and Commerce college, Vidyavihar.
3. Developed Admission Process management Application for G. V. Arharya College of Engineering, Shelu, Raigad.
4. Currently working on Admin Panel for "Kisaan Khazana (Healthy Earth Wealthy Farmer)" Mobile application for Godavari Bio refineries Ltd., Sameerwadi, Karnataka. This is an ongoing project.

Software Developed for the Institute:

1. Developed Admission Process management Application for the college. This software is being used by our college for admission process from the academic year 2013-14 till date. This software automates the admission process of KJSIEIT.

2. Faculty Appraisal System (Desktop Application)
This software was used by the institute for getting the feedback of faculty from the students for the academic year 2011-2012, 2012-2013 & 2013-2014. The Software is developed in VB 6.0 and Sql Server 7.0.
3. Time-Table Software (Web Application)
Developing the timetable software for the institute. This is ongoing project.

Projects for Sameerwadi

1. Developed Fertilizer Calculator Software for K. J. Somaiya Institute of Applied Agriculture Research (KIAAR), Sameerwadi, Karnatak.
2. Worked on Agriculture Support System using IoT for Godavari Bio refineries Ltd. Sameerwadi, Karnataka (GBL), Sameerwadi, Karnatak and K. J. Somaiya Institute of Applied Agriculture Research (KIAAR), Sameerwadi, Karnatak.

Subjects Taught

- 1) Cryptography and System Security
- 2) Analysis of Algorithms
- 3) Advanced Microprocessor
- 4) Computer Network
- 5) Systems Programming
- 6) Database Management Systems
- 7) Microprocessor
- 8) Operating System
- 9) Data Structure
- 10) Open Source Technology Lab
- 11) Object Oriented Programming Methodology

Papers Published

Sr. No	Title of Papers	Name of the Conference/Journals	Volume Issue/ISSN/ISBN & Impact Factor
1	“Speaker Identification using row mean vector of spectrograms”	International Conference & Workshop on Emerging Trends in Technology, Mumbai, Maharashtra, India	25 th & 26 th Feb 2011. ISBN: 978-1-4503-0449-8. The paper is also listed on ACM Digital Library.
2	”Text Dependent Speaker Identification using row mean vector of Variable size spectrograms”	International Journal of Computer Applications (IJCA) Number 1	Article 8 Year of Publication: 2011.
3	“A brief study of Video Encryption Algorithms”	International Journal of Engineering Research and Applications (IJERA)	Volume 5, issue 2, February 2015.
4	“Heart Rate Monitor using Mobile Camera”	International Journal of Engineering & Technical	Volume 3, issue 1, January 2015.

		Research (IJETR)	
5	“Detection and Classification of Fruit Disease – A Review”	International Research Journal of Engineering & Technical (IRJET)	Volume 3, issue 3, March 2016.
6	Prevention of Distributed Denial of Service Attack using Web Referrals: A Review	International Journal of Research In Advent Technology	Volume 3, No.2, February 2015
7	Extended Visual Cryptography Scheme for Colour Images with No Pixel Expansion	International Research Journal of Engineering and Technology (IRJET)	Volume: 03 Issue: 04 Apr-2016

Workshop/Seminar/Expert Talk Conducted

1. Conducted a session on “End to End Application Development” in the workshop on "Internet of Things with Arduino and Raspberry Pi" at Xavier Institute of Engineering, Mahim, Mumbai on 7th July, 2018 from 11:00 AM to 1:00 PM.
2. Conducted a session on "End to End Application Development" for AICTE-ISTE approved one week Short Term Training Program (STTP) on "Web & Mobile Application Development " at Shah & Anchor Kutchhi Engineering College, Chembur, Mumbai on 9th Jan, 2018 from 12:00 PM to 2:00 PM.
3. Delivered Expert talk on “Role of SPA(Structured Programming Approach) in Project Development .” organized by BSH, KJSIEIT, for FE students on 30th March 2017.
4. Conducted two days workshop on “Android Application Development” on 24th and 25th February 2017 in “Industry Oriented Technology Workshop ” at Thankur College of Engineering, Kandivali, Mumbai for batch of 30 participants.

Seminars Organized

1. Organized guest lecture for First year students on "How Computers work?" on 21st Feb, 2018.
2. Organized guest lecture for Second year students on "Talk to Computers" on 8th Feb, 2018.
3. Organized guest lecture for Second year students on “*Learning to learn*” on 18th March, 2016.
4. Departmental Coordinator for Intra College Project Competition INTECH 2016 on 4th April, 2016.
5. Organized guest lecture for students on “*Hats off to TCS*” on 18th March, 2016.

6. Organized guest lecture for students on “Cryptography and OWASP-10” on 14th September, 2015.
7. Organized guest lecture for students on “Sequence Alignment using Dynamic Programming” on 18th March, 2015.
8. Organized guest lecture for students on 'Ethical Hacking and Cyber Security' on 19th January 2015.
9. Visited Nareshwadi, Dahnu with R & D Committee members on 17th October 2015.

Short Term Training Programs/Faculty Development Programs/ Workshops/ Orientation Programs Attended

Sr. No	Name of the Course/Training Program	Duration		Organisation/ Institution
		From	To	
1	ISTE approved STTP on “R programming, Python and Perl” (1-week)	02/01/2018	07/01/2018	K. J. Somaiya Institute of Engineering & Information Technology, Sion.
2	2 Days Workshop on “Intoduction to Machine Learning” (2 day)	16/12/2017	17/12/2017	Indian Institute of Technology, Kharagpur. Held under the National Mission on Education through ICT (MHRD)
3	University of Mumbai approved FDP on “Recent Advances in Big Data Technologies and Applications” (1-week)	02/05/2016	07/05/2016	K. J. Somaiya Institute of Engineering & Information Technology, Sion.
4	Training Cum Workshop on “NAAC-Process Criteria and Audit” (1-week)	25/04/2016	29/04/2016	K. J. Somaiya Institute of Engineering & Information Technology, Sion.
5	Workshop on “NPTEL Awareness” (1 day)	08/01/2016	08/01/2016	K. J. Somaiya Institute of Engineering & Information Technology, Sion.
6	ISTE approved STTP on “Open Source Tools with Hands –on-Lab” (1-week)	14/12/2015	19/12/2015	Shah & Anchor Kutchhi Engineering College, Chembur, Mumbai.
7	National Symposium on "Evangelizing Internet of Things(IoT)" (1 day)	05/10/2015	05/10/2015	K. J. Somaiya Institute of Engineering & Information Technology, Sion.
8	Orientation Program on “Cryptography and System Security” (1 day)	21/07/2015	21/07/2015	Vivekananda Education Society’s Institute of Technology, Computer Engineering Dept. on behalf of Mumbai University
9	University of Mumbai approved FDP on “Recent Advances in Big Data	04/05/2015	08/05/2015	K. J. Somaiya Institute of Engineering & Information Technology, Sion.

	Technologies and Applications” (1-week)			
10	ISTE approved STTP on “Intoduction to Design of Algorithms” (2-week)	27/04/2015	30/05/2015	National Mission on Education through ICT (MHRD).
11	University of Mumbai approved STTP on “Cloud Computing and Big Data Analytics” (1-week)	10/11/2014	14/11/2014	K. J. Somaiya Institute of Engineering & Information Technology, Sion.
12	ISTE approved STTP on “Data Warehousing and Mining” (1-week)	10/01/2011	14/01/2011	K. J. Somaiya Institute of Engineering & Information Technology, Sion.
13	Co-ordinator for ISTE approved STTP on “Wireless Communication and Networking”(1 week)	13/07/2009	17/07/2009	K. J. Somaiya Institute of Engineering & Information Technology, Sion.
14	Workshop on “LAMP-LINUX, APACHE, MySQL, PHP” (2 day)	06/02/2009	07/02/2009	K. C. College of Engineering, Kopri, Thane (E).
15	ISTE approved STTP on “Wavelet Transform” (1 week)	24/11/2008	28/11/2008	K. J. Somaiya Institute of Engineering & Information Technology, Sion.
16	ISTE approved STTP on “OPEN Source Technology” (1 week)	10/07/2007	14/07/2007	Parshvanath College of Engineering, Kasarvadvali, Thane.

Responsibilities at university level

1. Member of Syllabus setting committee of Subject "Analysis of Algorithms" SE Sem-IV (CBSGS) of Computer Engineering Program, revised 2016.
2. Examiner / Moderator.

Responsibilities at institute level

1. Member of Software Development Cell (SDC).
2. Member of Research and Development Cell.
3. Member of AICTE Committee.
4. Member of IT Committee.
5. Gujarati Head for Aura 2014 (KJSIEIT annual magazine)
6. Mentor for NPTEL online courses

Responsibilities at department level

Worked as Result analysis In-charge, Laboratory In-charge, Time table Coordinator, Project Coordinator and Class Teacher.

Appreciations :

1. Appreciated by Xavier Institute of Engineering, Mahim for conducting workshop **"END to END Application Development"** on 17/07/18.
2. Appreciated by Shah & Anchor Kutchhi Engineering College, Chembur, Mumbai for conducting workshop on **"END to END Application Development"** on 09/01/18.
3. Appreciated by Thakur Engineering college for conducting workshop **on Android application development** on 24/02/17 and 25/02/17.
4. Appreciated by Godavari Bio refineries Ltd. Sameerwadi, Karnataka for successful completion of consultancy project, Kisaan Khazana (Healthy Earth Wealthy Farmer).
5. Appreciated by the institute for development of Admission software for the institute.
6. Appreciated by the institute for development of Faculty Appraisal software for the institute.
7. Appreciated by director, K. J. Somaiya Institute of Applied Agriculture Research (KIAAR), for deploying various projects at sameerwadi, Karnataka.
8. Appreciated by the institute for participating in the event 'VIGYAN YAGNYA'- A Mega Science & Technical Fair, conducted during 27th – 29th Jan'12 at the Somaiya grounds.

Mrs. Mrunali Desai