

MENTORSHIP PROGRAM

NANOELECTRONIC SYSTEMS

WS 2020

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MOTIVATION



Most of the students are new to Dresden



Not every student has the same academic or cultural background



It would be easier for students to approach their peer group

PROGRAM GOALS



Make it easier for the new students to transition into the TU Dresden life.



Create a sense of community among all the students of NES.



Boost self-confidence and participatory spirit of fellow-students



Encourage students to learn, contribute and grow.



Answer queries pertaining to the university life.

GUIDELINES FOR THE MENTORS

| | |
|-----------|---|
| Initiate | Take initiative and be approachable. |
| Reach out | Reach out to the mentees and encourage them to be proactive. |
| Meet | Set up regular meetings and fun events. |
| Guide | Guide mentees with the selection of electives, subject matters, and exam preparation. |
| Explore | Help mentees explore their interests outside academics and encourage their hobbies. |

GUIDELINES FOR THE MENTEES

Choose

Choose your mentors based on common academic and extra-curricular interests.

Participate

Participate in all the mentor meetings actively.

Exchange ideas

Talk to the mentors openly without hesitation.

Ask

Be genuine with your queries.

THE TEAM





SHAMBHAVI B SAMPATH (SHAM)

- Currently in the 5th semester.
- Has a cheerful outlook on life, loves to dance, doodle and be outdoors.
- Enjoys cloud-gazing and writes occasionally.
- Strongly believes in YOLO (One life, No regrets!).
- Languages: English, Tamil, Telugu and Hindi.
- Email: shambhavi0795@gmail.com
- Chosen field: Applications.
 - Working in the Vodafone Chair Mobile Communications Systems.
 - Project Work in the Chair of Highly-Parallel VLSI Systems and Neuro-Microelectronics.



PREETHI VIGNEESHA GOVINDARAJ(PREETHI)

- Currently in the 5th semester.
- Nature enthusiast. Enjoys listening to tranquil music.
- Says she's super grateful for all the help she got from her seniors and has vowed to help her juniors the same way.
- Languages: English, Tamil und ein bisschen Deutsch.
- Email: preethivigneesha@gmail.com
- Chosen field: Design (Analog).
 - Has worked in the Chair of Highly-Parallel VLSI Systems and Neuro-Microelectronics.
 - Project Work in the Chair of Circuit Design and Network Theory.
 - Master's thesis in Fraunhofer EMFT, Munich.



LAVA KUMAR NAVILIPURI (LAVA)

- Currently in the 5th semester.
- Loves cooking for himself and for others. A specialist in Indian cuisine with his motto being – “the spicier, the better.”
- Enjoys travelling, watching cricket and playing PUBG.
- Languages: English, Telugu and Hindi.
- Email: navilipurilavakumar@gmail.com
- Chosen field: Design(Analog)
 - Has worked in Fraunhofer FEP.
 - Project work in the Chair of Circuit Design and Network Theory.



ARAVIND KAPPAGANTHULA (ARAVIND)

- Currently in the 5th semester.
- Super observant and loves playing computer games.
- A movie junkie who can introduce you to his favourite movies.
- He'll happily take you swimming if you're interested and can help you with planning budget trips around Europe.
- Email: aravind406k@gmail.com
- Languages: English, Telugu and basic German.
- Chosen Field: Design (RF/Analog)
 - Is working in Fraunhofer IPMS.
 - Project work in the Chair of Circuit Design and Network Theory.



SANJANA BONDADA (SANJANA)

- Currently in the 5th semester.
- Loves and plays tennis. Ping her if you'd like a game of chess.
- Found her latest passion in gymming and is pushing herself to include it in her daily routine.
- Would never say no to travelling if you save her the hassle of planning for the trip!
- Languages: English, Telugu and a teeny bit of German.
- Email: Sanjana.bondada@gmail.com
- Chosen Field: Design (Digital)
 - Has worked in Fraunhofer FEP.
 - Project Work in the Chair of Highly-Parallel VLSI Systems and Neuro-Microelectronics.



PRUTHVI RAJ VENKATESHA

- Currently in the 5th semester.
- Loves nature and is into nature photography. A very good singer and a flutist.
- Is a hike und trek freak and cooks delicious south Indian cuisine.
- Want to enjoy nature and visit rare places? Contact him!
- Languages: Kannada, English, Deutsch (Jon Snow level)
- Email: pru.11.93@gmail.com
- Chosen Field: Design (Digital)
 - Project work in Vodafone Chair Mobile Communications Systems.
 - Currently working in DMOS Gmbh.



RIDHAM SACHDEVA

- Currently in the 5th semester.
- Is a true Punjabi foodie who loves spicy food.
- Always up for travelling, hiking and exploring new places.
- Is passionate about music and enjoys playing the harmonium.
- Languages: English, Hindi and Punjabi.
- Email: ridham.Sachdeva@gmail.com
- Chosen Field: Technology
 - Project Work in Namlab - TUD



PRAMOD VISHNUMURTHY

- Currently in the 3rd semester.
- Blogger, hiking and cycling enthusiast.
- Tea lover, caffeine addict (coffee please...) and cooks delicious South Indian food.
- Languages: English, Hindi and Kannada
- Email: nvpramoda07@gmail.com
- Chosen field: Technology
 - Currently working in King's Lab at IPF Dresden
 - Starting project soon in Namlab, TU Dresden.



ABISHEK RAVICHANDRAN

- Currently in the 3rd semester.
- Enjoys music, anime, video games and tons of movies and TV series.
- Can talk for hours about Sci-fi, fantasy.
- Loves to visit new places, going out and cooking.
- Languages: English, Tamil, Deutsch (Improving slowly).
- Email: Abishek.Ravichandran@mailbox.tu-dresden.de
- Chosen field: Applications



SOURYA ROUT

- Currently in the 3rd semester.
- Travel freak, foodie, loves skating, passionate about music and gadgets.
- Planning Excursions, Camping or Overseas trips? He's happy to help! 😊
- Languages: English, Hindi, Odia und ein bisschen Deutsch!
- Email: routsourya170@gmail.com
- Chosen field: Design (Analog).
 - Worked at Continental Automotive and Nippon Seiki Instruments, India.
 - Currently working part-time at Fraunhofer IVI.
 - Starting project at Chair of Circuit Design and Network Theory.



JASWANTH CHATAKONDU

- Currently in the 3rd semester.
- Loves to paint and cooks delicious south Indian food.
- Always up for hiking, cycling and travelling.
- Languages: English, Telugu, Hindi.
- Email: jaswanth6668@gmail.com
- Chosen field: Design (Digital)
 - Started master's project in Digital design in Chair of Processor Design.
 - Currently working in Chair of Processor design.



AKIB MOHAMMAD ZAIDI

- Currently in the 3rd Semester.
- Loves to hangout, watch movies and is a major fan of anime.
- Does not know a lot of cooking recipes but, loves to eat.
- Has 3 years of experience in Pre-Silicon Functional Verification.
- Languages : Bengali, English and basic German
- Email : akibm.zaidi@outlook.com
- Specialization : Design (Mixed Signal)
 - Currently working as IC Design and Verification Engineer at Racyics.
 - Starting his project soon at the Vodafone chair Mobile Communication Systems.



MOUSTAFA MOHAMED

- Currently in the 3rd semester.
- Enjoys cycling, swimming and playing video games.
- Always up for travelling and exploring places.
- Languages: English, Arabic and is learning German.
- Email: moustafa.mohamed@mailbox.tu-dresden.de
- Chosen field: Design (Digital).
 - Worked in the chair of Highly-Parallel VLSI Systems and Neuro-Microelectronics.
 - Currently working in the chair of Adaptive Dynamic Systems.



AMAL NAIR

- Currently in the 3rd Semester.
- Loves swimming, ice-skating and team sports. (May get too competitive :P)
- Can introduce you to the best Ramen places and animes, Dattebayo!
- Languages: German, Hindi, and English.
- Email: amalnair.30@gmail.com
- Chosen field: Design
 - Currently working in Chair for Electron Devices and Integrated Circuits.



PAVAN PUSULURI

- Currently in the 3rd Semester.
- Likes to play badminton, cooking (mostly spicy food).
- Biggest fan for fantasy world (Including all TV series and movies)
- Languages: English, Telugu, Kannada and Hindi.
- Email: pavan.edul6@gmail.com
- Chosen field: Design (Digital)
 - Currently working in Barkhausen-Institut GmbH.
 - Started project in Vodafone Chair Mobile Communication Systems.



KARTHIK TUMULURU

- Currently in the 3rd Semester.
- Loves watching and playing cricket, badminton, chess.
- Enjoys solving puzzles & brain teasers!
- Languages: English, Hindi, Telugu, Tamil, German (BI certified).
- Email: karthiktumuluru@gmail.com
- Chosen field: Design (RF/Analog)
 - 2.5 years in the Automotive industry
 - Currently working in Chair of Circuit Design and Network Theory.



ANURAG NAYAK

- Currently in the 3rd Semester.
- Is a Tea Addict ,Traveler, and a Cricket Lover.
- Owns a spice rack (Decent Cook) 😊
- Languages: English, Hindi & Odia.
- Email: anuragnayak92@gmail.com
- Chosen field: Design (RF/Analog)
 - Worked with Johnson Controls, India & USA as an Electronics Engineer.
 - Currently working with Fraunhofer IPMS.



DEBADREETO BHATTACHARYA (RIK)

- Currently in the 3rd Semester.
- Is a Gamer, amateur photo and videographer (hands-on Nikon 70-300mm and 10-18mm).
- Loves baking, hiking, FC Bayern München all the way! (Chant "Mia San Mia")
- Languages : English, Hindi, Bengali.
- Email-ID : debadreeto1997@gmail.com
- Chosen field: Technology
 - Has worked at Leibniz IFW and is working at Fraunhofer IIS-EAS.
 - Starting project soon at Leibniz IFW



RADHIKA CHATTERJEE

- Currently in 3rd Semester
- A Movie maniac, loves to travel (specially to the mountains) and plays the violin.
- Has a big sweet tooth (Just bong things:)
- Is super curious about diverse cultures and their traditions.
- Languages: English, Hindi, Bengali and basic Deutsch.
- Email: radhikachat@gmail.com
- Chosen field: Technology
 - Is currently working in Leibniz Institute for Solid State and Materials Research (IFW)
 - Started her project in IFW under Integrated Nanosciences on Microwave Resonators for QD spin coupling



OSAMA IBRAHIM

- Currently in 3rd Semester.
- Loves playing and watching football, is looking forward to playing volleyball.
- Wouldn't decline invitations to parties and movie nights!
- Languages: Arabic, English, little German
- Email: osama.ibrahim@tu-dresden.de
- Chosen field: Design
 - Currently working in the Chair of Adaptive Dynamic System and the Chair of Highly-Parallel VLSI Systems and Neuro-Microelectronics.



VIMAL RAAJ SEKAR

- Currently in 3rd Semester
- Is a die-hard fan of chicken and loves cooking with friends.
- On the days when he's not studying, he likes to go on hikes for a detox.
- Languages: Tamil, English, Hindi.
- Email: vimalsekar75@gmail.com
- Chosen field: Design (Digital)
 - Currently working in Chair of Highly-Parallel VLSI Systems and Neuro-Microelectronics.



SHIVANI

- Currently in the 3rd Semester.
- Reads a lot of books with fantasy being her favourite genre. Loves a clear night sky with a lot of stars!
- Is currently writing a novel during her free time.
- Languages: Telugu, English, Hindi, and a little bit of Tamil.
- Email: shivaniyedama@gmail.com
- Chosen field: Technology
 - Started project in Namlab – TUD.



JAMIL AL BOUHAIRI (JIMMY)

- Currently in the 3rd Semester.
- Enjoys playing PS games (FIFA, COD) .
- Hobbies include reading, hiking, and cooking.
- Real Madrid Fan.
- Sports: Skiing
- Languages: English, Arabic, French, und ein bisschen Deutsch.
- Email: h.Bouhairi@hotmail.com
- Chosen Field: Applications
 - Working in the Fraunhofer Institute for Machine Tools and Forming Technology (IWU)

WHAT NEXT?

GO AHEAD AND CHOOSE YOUR
MENTOR!



THANK YOU FOR YOUR
ATTENTION!



WELCOME TO THE WORLD OF
NANOELECTRONIC SYTEMS!