

28-2-2022

# OSMANIA MEDICAL COLLEGE

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NEWSLETTER III-EDITION

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*... since 1846*

## Committee Members



**Dr. Jyothi Lakshmi**  
Prof. of Microbiology



**Dr. Abhijit Subedar**  
Prof. of Forensic Medicine



**Dr. K Bhavani**  
Prof. of Community Medicine



**Dr. N. Jaya**  
Prof. of Biochemistry



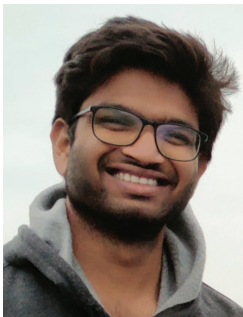
**Dr. M Padmavathi**  
Prof. of Anatomy



**Dr. Mudassir Mirza**  
Asst. Prof. of Physiology



**Dr. S. Niveditha**  
Asst. Prof. of Anatomy



**Saidinesh Reddy**  
Student, MBBS 2018



**Mohan**  
Student, MBBS 2019



**Bhavana**  
Student, MBBS 2019



**Akshay**  
Student, MBBS 2020

## Principal Message



### Greetings from the office of the principal!

My deepest appreciation and congratulations to our frontline warriors who have fought this war with tenacity and commitment.

Our institute boasts a total of 13 Super Speciality departments each one of which a jewel in the crown of this medical stalwart (Osmania Medical College).

In this News Letter we present to you their accomplishments in a nutshell which is a reflection of their tremendous dedication despite all Odds.

We want to bust the erroneous myth that Osmania is “crippled” and almost DEAD because there is no building.

Hence you will see the relentless effort put in by our faculty and students in the face of adversity.

This News Letter is a commendation to the Super Speciality departments and their Heads and also a tribute to our hardworking students.

God Bless.

**Dr P Shashikala Reddy**  
Principal  
Osmania Medical College  
Hyderabad

## Superintendent Message



With the advent of launch of “News letter” from the principal Osmania Medical College, I believe, it’s an innovative script for the academicians, researchers and medical students of Osmania Medical College, for inoculating the big ideas and update in emerging medical technologies. Every half yearly, it churns out the spectrum of events and sails, all through the academic year, gathering news of development, academics and knowledge abundant libraries.

I am impressed with the upcoming edition of “News letter” for the year 2022, streaming the happening of the year and eternally carrying the legacy of research, education and development of the Osmania Medical College.

I wish the principal, the best wishes and the accolade, on the occasion of release of the “News Letter 2022”, which in itself is an encyclopedia of the events and a knowledge house from the pen of the Principal.



**Dr. B. Nagender**

M.S., FICS, FMAS

Superintendent  
Osmania General Hospital  
Hyderabad

**SUPER SPECIALITY  
DEPARTMENTS OF  
OSMANIA  
GENERAL HOSPITAL**

# DEPARTMENT OF NEUROSURGERY

## FACULTY



**Dr. SREEDHARALA SRINIVAS**  
PROFESSOR & HOD



**Dr. A . MASTAN**  
PROFESSOR



**Dr. K. RAVI**  
ASSOCIATE PROFESSOR

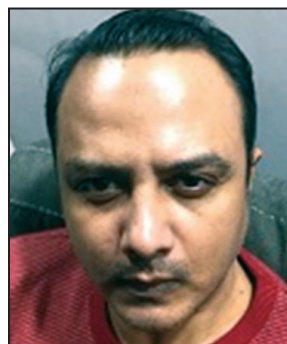
## ASSISTANT PROFESSORS



**Dr.G.Venu Gopal**



**Dr.A.Lakshman Rao**



**Dr.MD.Muzahid**



**Dr.CP.Devi**

## ACADEMIC ACHIEVEMENTS

Final year M.Ch students- FIRST Division in the M.Ch Exam  
Dr. K.Rajeshwari – 2019  
Dr. Imran Shaik- 2021

## ACADEMIC ACTIVITIES

Basic Course in Biomedical Research conducted by NPTEL (SWAYAM)  
Revised basic course workshop (MET) and training in AETCOM.

## WORKSHOPS

Conducted Telangana State Neuro Scientists association annual conference .

Professor Dr.Sreedharala Satyanarayana Srinivas HOD and Professor has chaired various sessions in State and national and international Conferences over the last Five years.

Professor Dr.A.Mastan has chaired a session CME on “**classification of CNS tumors**” conducted at Gandhi Medical College

Dr.C.P.Devi Asst. Professor was the Co-ordinator for WEBINAR “**Women in Neurosurgery**” under the aegis of NSI in the conference NSICON 2021

Dr. A.Lakshman Rao Assistant Professor was moderator for the WEBINAR topic “**Endoscopic approaches for anterior cranio cerebral region:**” surgical techniques and complications avoidance.

## PAPER/POSTER PRESENTATIONS – 8

## PUBLICATIONS

3 Original articles and over 50 publications till date in various national and international journals.

# DEPARTMENT OF UROLOGY

## FACULTY



**Dr. Mallikarjun**  
Assoc. Prof. I/C HOD



**Dr. Naveenk Kumar**  
Asst. Prof.



**Dr. S. Anand**  
Asst. Prof.



**Dr. Santhosh**  
Asst. Prof.



**Dr. Vinay Ankum**  
Asst. Prof.



**Dr. G. Sudarshna**  
Asst. Prof.



### **PAPER PRESENTATIONS IN SOGUS 2021**

1. Comparison Between Tubeless and Standard Percutaneous Nephrolithotomy for the Management of Kidney Stones - Dr. Madhukar
2. A Comparative Study Between Pre-Operative Mid-Stream Urine Culture Vs Pelvic Urine Culture Vs Stone Culture in Directing Antimicrobial Treatment for Post percutaneous Nephrolithotomy (PCNL) Urinary Tract Infections and Systemic Inflammatory Response Syndrome (SIRS) - Dr.Yeshvanth.

### **POSTER PRESENTATIONS IN SOGUS 2021**

1. Emphysematous Cystitis with Extra Peritoneal Abscess And Sepsis, in a Patient with Total Penectomy and Perineal Urethrostomy, with Uncontrolled Diabetes Mellitus - Dr.Yeshvanth
2. RCC OR TCC!? A Diagnostic Dilemma! - Dr.Kaushal  
Video Presentations In Sogus 2021  
Laparoscopic Resection Of A Primary Large Adrenal Ganglioneuroma Adhered to the Inferior Vena Cava (IVC): A Video Case Report. - Dr.Madhukar

### **CLINICAL TRIALS**

1. A Randomised Multi-Centric, Double-Blind, Double-Dummy, Parallel, Active-Controlled Study to Evaluate and Safety of Fixed Dose Combination of Silodosin and Tadalafil Capsules in Comparison to Tadalafil Tablets for the Treatment of Lower Urinary Tract Symptoms Associated With BPH & ED
2. A Randomised Multi-Centric, Double-Blind, Double-Dummy, Parallel, Active-Controlled Study to Evaluate And Safety Of Fixed Dose Combination of Silodosin And Solifenacin Capsules In Comparison To Silodosin Tablets In Male Patients Having BPH / LUTS with OAB

#### **National Level Conference USICON 2022 Attended by All Faculty and Residents of the Department**

Title of Presentation: Post Radical Cystectomy with Ileal Conduit- Bowel Gangrene Secondary to Covid-19 Infection

Session: Unmoderated Poster Presentation Presented By Dr Yeswanth

- University Topper In the Year 2021, Dr Srikanth Munna

# DEPARTMENT OF SURGICAL GASTROENTEROLOGY



The department of SGE is the only department providing supra-major complex GI surgeries and liver transplantation services to poor for free of cost in the entire government sector hospitals in combined Telugu states.

## FACULTY

**Dr.CH.Madhusudhan**, MS,Mch(AIIMS),FRCS(EDIN,UK), Professor and Head,

**Dr.Wasif A li**, MS,Mch(SGPGI), Associate professor

**Dr.K.Sudarshan Reddy**, MS, DNB (SGE), Assistant Professor,

**Dr.M. Adithya**, MS, DNB (SGE), Senior Resident,

**Dr. B.Varun**, MS,(Mch), Post Graduate in Mch Surgical Gastroenterology,

**Dr.Venu Madhav**, L D, MS, (Mch), Post Graduate in Mch Surgical Gastroenterology

## AWARDS AND ACHIEVEMENTS

- Dr. CH.Madhusudhan received “Rising star in Liver Transplantation” award from Times Health care achievers award 2020.
- Dr. Ch. Madhusudhan Got “Abdul Kalam Memorial award” in 2020 for providing meritorious services to poor.



Doctors from Osmania General Hospital with 62-year-old Khairunnisa Begum, who suffered from Doege-Pottery Syndrome.

**Hyderabad:** A woman with the Doege-Pottery Syndrome (DPS), an extremely rare condition across the globe, was successfully treated by doctors at the state-run Osmania General Hospital here.

**Harish Rao Thanneeru** @trsharish

సీఎం కేసీఆర్ గారి ఉత్తమ వైద్య విధానాలతో ఖరీదైన వైద్యం సర్కార్ దవాఖానలో ఉచితంగా అంది, నలుగురు చిన్నారులు పునర్జన్మ పొందారు. అరుదైన కాలేయ వ్యాధితో బాధపడుతున్న సీడ్లార్డ్, విజయ లకు శస్త్రచికిత్సలు చేసి, మరో ఇద్దరికి కాలేయ మార్పిడి పూర్తి చేసిన ఉస్మానియా ఆస్పత్రి వైద్యులకు అభినందనలు.

**నలుగురు చిన్నారులకు ఉస్మానియాలో పునర్జన్మ**

సీ-సీఎస్ ఆర్ వ్యాధి కారణంగా, అల్లర్లకాదు...

సీ-సీఎస్ ఆర్ వ్యాధి కారణంగా, అల్లర్లకాదు... (The text in this block is partially obscured and difficult to read fully, but it appears to be a news snippet or social media post related to the hospital's work.)

# OGH performs rare surgeries on 4 kids

**CITY BUREAU**  
Hyderabad

Doctors at the Osmania General Hospital (OGH) have treated four children who were suffering from Progressive Familial Intrahepatic Cholestasis (PFIC), a rare genetic condition. With PFIC, the patients are not able to drain bile from the liver even though the large bile ducts are open, with this leading to liver

damage and liver cancer. If PFIC disease is detected late, patient need to go for liver transplantation but if we detected early, procedures like PEBD (partial external biliary drainage) and Ileal Exclusion operations can be taken up. Two both brothers - one 14 year old and another 16 years - residents of the Dhanavari Palem, Khammam had come to the OGH with complaint of itching,

jaundice, and growth retardation. Their parents who are poor labourers had taken the brothers to different hospitals where liver transplantation was advised as treatment option. OGH doctors on evaluation of the patients found that liver was not cirrhotic, so they went for Ileal Exclusion surgery. **Genetic disorder** The other case of the rare

genetic liver disorder was that of an year-old child from Karimnagar who came with full-blown liver cirrhosis. The doctors did living donor liver transplantation with the mother donating a portion of her liver to her child. The OGH team also treated a 8-year-old child who was brought in serious condition with blood vomitings, jaundice, coma, and shock.

# DEPARTMENT OF PLASTIC SURGERY



## FACULTY –DEPARTMENT OF PLASTIC SURGERY ,OMC/OGH

### PROFESSORS



### ASSO. PROFESSOR



### ASST. PROFESSORS



ESTABLISHMENT OF 1<sup>ST</sup> **SKIN BANK IN PUBLIC SECTOR AT OGH**, TELANGANA STATE ON 8TH JUNE 2021 IN THE DEPARTMENT OF PLASTIC SURGERY with the help of ROTARY CLUB of Hyderabad and cooperation of Superintendent Dr Nagender sir, Senior Prof. Dr N Nagaprasad , Dr P. Lakshmi Prof. & HOD and Dr Madhusudhan Naik Assistant Professor.

**Skin bank stored skin was used for covering 2 patients.**

1. Dr Palukuri Lakshmi, Prof. & HOD Presented paper in PEET Prize **Best Paper Session** in National Plastic Surgery Conference.
2. DR. PALUKURI LAKSHMI, PROF. & HOD, got selected alone from India in world wide selection for 2021 **ETHICON – GANGA FELLOWSHIP** in advanced training in microvascular surgery, hand & diabetic foot.
3. Dr. Vijay Babu , Final year M.Ch Pg got best paper award for the work on **Electrical burns Upper Limb in NABICON-2022** – National burns conference.
4. Dr. Faiyaz, Dr. Vijay Babu, Dr. Madhulika completed sponsored Venkata Bodhavulu fellowship in **Microvascular Training** at Ganga Hospital, Coimbatore.
1. Dr. Palukuri Lakshmi, Prof & HOD organized National wide PG teaching training program & guest lectures for Plastic surgery PGs through **PLASTIQUEST** Program **EVERY SATURDAY**
2. Organized awareness program on **Scope of Plastic Surgery** online for General Surgeons & Practitioners on World Plastic Surgery Day - 16th July 2021.
3. She delivered Guest lectures in
  - a. Ganga Hospital, Coimbatore.
  - b. NABI series
  - c. IMA Chennai– Awareness of Plastic Surgery Day
  - d. Chaired APSI accredited CME – Flap Classification & Application,
  - e. NBE webinar & journal club for DNB student
4. Many papers were published in Indexed Journals & Many more papers were submitted to Indian Journal of Plastic surgery and they are in review

# DEPARTMENT OF C.T SURGERY AND VASCULAR SURGERY

## FACULTY



**Dr. G. Sreenivas, M.S, M.Ch**  
Prof. & HOD of C.T Surgery



**Dr. A. Padmaja, M.S, M.Ch**  
Asst. Prof of C.T Surgery



**Dr. Jampla**  
Service Post Graduate

**Dr. G. Sreenivas, (Prof & HOD of C.T Surgery)**

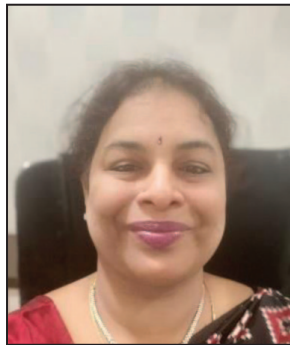
1. Designated center for National Board Practical examination
2. Appointed as member of question paper committee for National Board of Examinations
3. Inspector and Evaluator of Nation Medical Council.

# DEPARTMENT OF NEUROLOGY FACULTY

## FACULTY



**Dr. G Sree Ranga Laxmi**  
HOD



**Dr. N Veena**  
Professor



**Dr. Archana**  
Assistant Professor

## ACHIEVEMENTS OF NEUROLOGY 2021

### PROCEDURES

EEG 130 per month  
NCS 80 per month  
EP 10 per month

### HONOURS

Dr. G. Sree Ranga Lakshmi is invited as guest speaker in **APNEUROCON**, November 2021

### PUBLICATIONS:

Article published in American journal of Neuroradiology by Dr B. Archana and Dr. G. Sree Ranga Lakshmi

### PRIZES AND AWARDS - (DM Postgraduates)

Dr. Sangamesh – best paper award in **TNSCON 2021**

Dr. Srikanth – Got All India first rank in '**Epilepsy fellowship entrance exam**' conducted by JIPMER, Pondicherry, 2021

Dr. Sushma and Dr. Sravanthi got second prize in **quiz** conducted by SHINE, Chennai, December 2021

Dr. Naveen got third prize in **quiz** conducted by SHINE, Chennai, December 2021

### PAPER PRESENTATIONS

All the PGs presented papers in Telangana state neuro conference (Virtual) and in National conference at Bangalore, November 2021.

Presented cases in Twin city Neuroclub meet August 2021

# DEPARTMENT OF CARDIOLOGY

## FACULTY



**Dr. Syed Imamuddin**  
Prof & HOD



**Dr. P. Kmk Reddy**  
Prof.



**Dr. Suneetha K**  
Prof.



**Dr. Ravi Srinivas**  
Associate Prof.



**Dr. Jagadeesh Reddy**  
Assistant Prof.



**Dr. Praveen**  
Assistant Prof.

## FACULTY AWARDS AND HONORS

### **Dr. Syed Imamuddin**, Prof and HOD

- Successfully completed 20,000 interventions as on 27/12/2021.
- Selected as co-editor for **Indian Journal of Organ Transplant and Indian Heart Journal**.
- STEMI model advisor and Nodal officer for Telangana (worked up the whole project with TS-GOVT, NHM).
- Awarded Fellow of Society of Coronary Angiography and Interventions (**FSCAI**) in October 2020.
- **Guinness Book of World Records** holder for Education programme in 2017.
- President, Telangana State CSI Chapter for the year 2017-18.
- Organising Secretary for 2nd TS CSICON in 2015.
- Performed **two first in world cases**
- Indigenous **coiling of Mesentric artery** aneurysm
- **Carotid Subclavian T stenting** - This case was awarded as Best paper at EUROPCR –2015.
- **Coiling of lateral throaxtumour** - This was awarded second best paper at ACC/AHA in 2018, Washington D.C.

### **Dr.KMK Reddy P.**, Professor

- President, Telangana State CSI Chapter for the year 2020-21.
- Conducted 6th Annual TS CSI conference at Park Hyatt, Hyderabad on 13,14 March 2021.
- Primary Investigator of a Global Trial (Semaglutide)
- Primary Investigator of ZEUS Trial
- Co PI of PRESCO Registry



- Co PI of COVID STEMI Study
- Was awarded **Fellow of European Society of Cardiology (FESC)** in 2019.
- **Performed first in the world case :**
- **Coarctation of Aorta Retrograde stenting** – This case was awarded as Best paper at EUROPCR – 2012.

## ACHIEVEMENT BY POST GRADUATES

- Dr. R.MonicaRachana, 2019-2022 Batch, Second year post graduate, has secured 25 Gold medals during her M.B.B.S at Sri Venkateshwara Medical College, Chittoor and has been awarded “Best Student of the SVMCA A Golden Jubilee Award” by Her excellency Governor Sri. Dr. TamilisaiSoundararajan on 24-01-2021 at Tirupathi
- Dr.Harsha, Dr.Vikas Reddy, Dr.Srikar and Dr.Pardhasaradhi achieved first prize in Quiz held at 6th Annual TS CSI conference.
- Dr.Vikas Reddy, achieved TS CSI Young Investigator Award at 6th Annual TS CSI conference.
- Dr.Naga Chaitanya K., secured highest marks in DM Cardiology University Examinations held by Kaloji University of Health Sciences, Warangal during the month of October 2020.
- Five posters have been presented at 72nd National CSI Conference 2020, Metaphysical Conference held between 4-11December 2020.
- Two teams from Osmania have reached the final rounds in National Level CSI Post Graduates Quiz competition held virtually at 72nd National CSI Conference held between 4-11 December 2020.
- Dr.Pardha Saradhi, final year resident, reached final round of TYSA Young Talent Award held annually at Mumbai, in November 2020.
- Dr. Vikas Reddy, Dr. Harsha, Dr. Pardhasaradhi, Dr. Phani presented research papers at 6th Annual TS CSI conference.
- Dr.Vikas Reddy, achieved TS CSI Young Investigator Award at 6th Annual TS CSIconference.
- 7 posters were presented at 6th Annual TS CSI conference.
- Eight residents presented rare Case reports at CSI meet held in Hyderabad
- Four teams participated for ICCON 2021 national level quiz.
- Three teams have been participated in quiz and Two posters and one case have been presented at PG forum of 73rd National CSI Conference 2021, Hybrid conference held between December 2nd to 5th.



# DEPARTMENT OF NEPHROLOGY



## ACHIEVEMENTS

### FACUTLY HONOURS

#### Dr. Manisha Sahay

- Dr. Manisha Sahay awarded the prestigious Fellowship of **Academy of Medical Sciences (FAMS)** in Nov 2021 for significant contribution to research and academics and also Fellowship of Royal College of Physicians (FRCP) London
- Received Award for maximum number of publications in indexed journals for the year 2021 from Principal, OMC
- Dr. Manisha Sahay invited as speaker at World congress of Nephrology 2022, Malaysia and Asia Pacific Conference of Nephrology, 2021, Thailand

**Dr Anuradha K** invited as speaker in PD conference on National level

Osmania General Hospital Nephrology department recognized by International society of Nephrology as one of the Regional training centers of Excellence for nephrology training in India

### AWARDS AND HONORS-POST GRADUATES 2021

- Dr. Fayyaz Ahmed Wani- **1st prize** in National hypertension quiz conducted by IMA Nov 16, 2021
- Dr. Chandini Kotha, **2nd prize** in National conference of Indian Society of Organ transplantation, Oct 2021
- Dr. Chetan V, Prize in **National ISN Quiz**, 2021
- Dr. Medi Naveen Kumar, **2nd prize** in oral paper in Telangana State conference
- Dr. Priya, Dr. Mathew and Dr Imran successfully passed DM Nephrology examination 2021 with 1st division 2022
- Dr. Chandini K, Dr.Fayyaz, Dr. Medi Naveen Kumar- **1st prize** in Telangana state conference, Jan 2022
- Dr.Kajari Giri, Dr.Yogesh won **2nd prize** in Telangana State conference, Jan 2022
- Dr. Chandini K **1st prize** in Telangana state conference **Quiz**, Jan 2022
- Dr. Anita R and DrFayyazWani - **3rd prize** in Telangana state conference **Quiz**, Jan 2022

### PAPER PUBLICATIONS FROM THE DEPARTMENT

- 23 published in indexed and peer reviewer journals 1 year
- 164 publications till date in various National and international journals

### PROCEDURES

- CRRT initiated successfully for the first time after acquisition of new machine
- Hemodialysis per month 3000
- Renal biopsies 360 per year
- Acute peritoneal dialysis – 100 per month
- Permcath placements- 150
- Kidney transplantations-7

# DEPARTMENT OF MEDICAL GASTROENTEROLOGY

## FACULTY



**Dr. B Ramesh Kumar**  
Professor & HOD



**Dr. Uma Devi**  
Professor



**Dr. Gopal Krishna**  
Associate Professor



**Dr. Sahitya**  
Associate Professor



**Dr. Anand**  
(3<sup>rd</sup> Year PG)



**Dr. Susheel**  
(3<sup>rd</sup> Year PG)



**Dr. Vishwanath**  
(3<sup>rd</sup> Year PG)



**Dr. Rahul**  
(2<sup>nd</sup> Year PG)



**Dr Dinesh**  
(2<sup>nd</sup> Year PG)



**Dr Zeeshan**  
(2<sup>nd</sup> Year PG)



**Dr Jagveer**  
(2<sup>nd</sup> Year PG)

## ACHIEVEMENTS OF DEPARTMENT

- **First Model Viral Hepatitis Treatment Centre Started in South India**
- Under NVHCP for eradication of Hepatitis B and Hepatitis C following activities were conducted:
  1. **Training sessions** – Multiple training sessions for 320 nurses, pharmacists, lab technicians and medical officers were conducted by Dr. B Ramesh Kumar, Dr. Umadevi, Dr Sahitya.
  2. Treatment of the patients till date: Hepatitis B – 78 and Hepatitis C -140
  3. Special Groups - as our center is model treatment center complicated cases of hepatitis with severe comorbidities such as CKD, cancer , heart disease , treatment failure, HIV coinfection , pregnancy were treated. Intensive Liver care unit exclusively for these patients was sanctioned under NVHCP.
  4. Family screening of Hepatitis B and Hepatitis C positive patients.
  5. Vaccination programme for Hepatitis B .
  6. Counselling of the patients and their families.

## RESEARCH AND PUBLICATIONS

INTERNATIONAL JOURNAL PUBLICATIONS – 18

NATIONAL JOURNAL PUBLICATIONS – 32

ONGOING RESEARCH PROJECTS - 15



# DEPARTMENT OF ENDOCRINOLOGY

## FACULTY



**Dr. Rakesh Kumar Sahay**  
Professor & Head



**Dr. K Neelaveni**  
Professor




**Dr. Aravind**  
Assistant Professor

## AWARDS AND HONOURS:

- Dr. Rakesh Kumar Sahay has been elected as the president of the endocrine society of India for the year 2021-22.
- Dr. Rakesh Kumar Sahay was awarded the Hyderabad psychiatry society - IMS oration for the year 2021 where he has spoken on '**diabetes and mental health**' on august 2021.
- Dr. Sumayya AK (1st year PG) was awarded the Overall Best Participant Prize in the Program on **Research methodology and statistics** conducted by the Endocrine society of India & St Johns Medical College for Endocrinology PGs from across India
- Dr. Lakshman Kumar Ega (1st year PG) won Bronze medal in Endo Update 2021 on **Pubertal Disorders** conducted by Govt. Medical College Trivandrum on 10 October 2021 for his poster presentation on "Rare case of Gonadotropin Independent precocious puberty in a young child".
- Dr Rakesh Kumar Sahay has been awarded the fellowship of the **national academy of medical sciences** in the annual convocation of the academy held at banaras Hindu university on 28 November 2021.





**15<sup>th</sup> AAPI GLOBAL HEALTHCARE SUMMIT**  
**AVASA**  
HOTELS

HYDERABAD, INDIA  
 JANUARY 5-7, 2022

### DIABETES CARE IN INDIA CHALLENGES & SOLUTIONS

January 5, 2021 | 3.30 P.M to 4.30 PM

**PANEL DISCUSSION**

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**PROF. RAKESH SAHAY**  
 HOD – Dept of Endocrinology, Osmania General Hospital  
 President – Endocrine Society of India

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**PROF. N.SUDHAKAR RAO**  
 Former HOD Gandhi Hospital

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**DR. CH VASANTH KUMAR**  
 President – RSSDI  
 (Research Society for Study of Diabetes in India)

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**PROF. MANISHA SAHAY**  
 HOD – Dept of Nephrology, Osmania General Hospital

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**DR. SHYAM KALAVALAPALLI**  
 Endocrinologist  
 Founder – IDEACLINICS

# NILOUFER HOSPITAL FOR WOMEN & CHILDREN DEPARTMENT OF PEDIATRIC SURGERY



## WHO WE ARE

Biggest department of paediatric surgery in the country. This is a referral paediatric surgical centre for Telangana, Andhra Pradesh, and border districts of Karnataka, Madhya Pradesh, Maharashtra. We perform complex surgeries of newborn and children here.

## FACULTY

### Professor

Dr. N. Bhuvaneshwar Rao, (Prof. & HOD)  
Dr. P. Sarveshwar Reddy.  
Dr. KVS. Narayana.

### Associate Prof.

Dr. Babu Rao.

### Assistant Professor

Dr. Mandakini  
Dr. Anusiri  
Dr. Shwetha  
Dr. Zakir  
Dr. Sai Krishna  
Dr. Rajesh

## WHAT WE DO

- 4500 surgeries per annum
- 600 endoscopic procedures & endoscopic surgeries per annum
- 1200 new born surgeries annually
- Pediatric surgery training given to pediatrics,
- neonatology & general surgery postgraduates

## OUR COMMITMENT

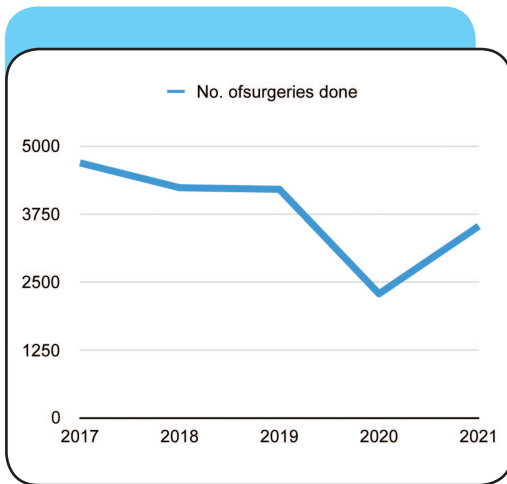
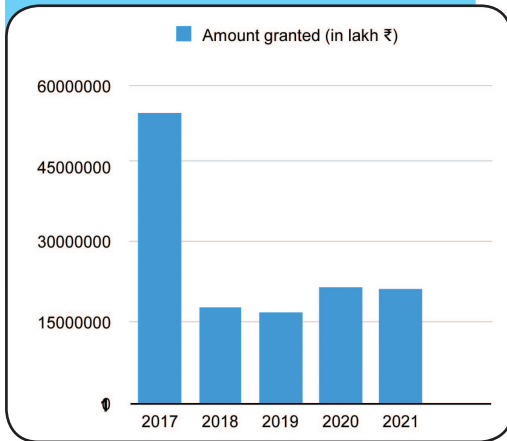
We are committed to provide best healthcare facility to each & every newborn and children.

## SCIENTIFIC WORKS

- Study of sepsis in post operative neonates
- Study of malkotation in non neonatal age groups
- Management of paediatric abdominal and thoracic trauma
- Long term follow up of congenital diafragmatic hernia repair
- Study of underlying long conditions in chronic empyema thoracis.



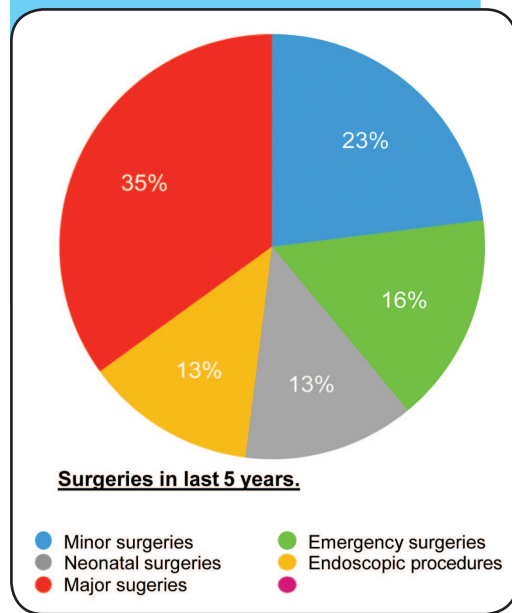
### AAROGYASREE BENEFICIARIES:



### WHAT ARE WE AIMING FOR

- 1 To make centre of excellence for paediatric surgical training
- 2 Laparoscopic training centre for paediatric surgery
- 3 To start fellowship in paediatric surgery
- 4 Scientific studies and publications in international journals
- 5 Improve patient care by upgrading department with latest equipment

### SURGERIES IN LAST 5 YEARS.



# NILOUFER HOSPITAL DEPARTMENT OF NEONATOLOGY



## FACULTY



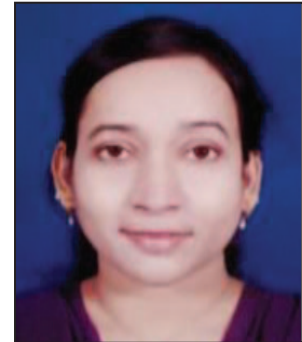
**Dr. M. Alimelu**  
Prof & HOD



**Dr. L. Swapna**  
Associate Prof



**Dr. Rakesh**  
Associate Prof

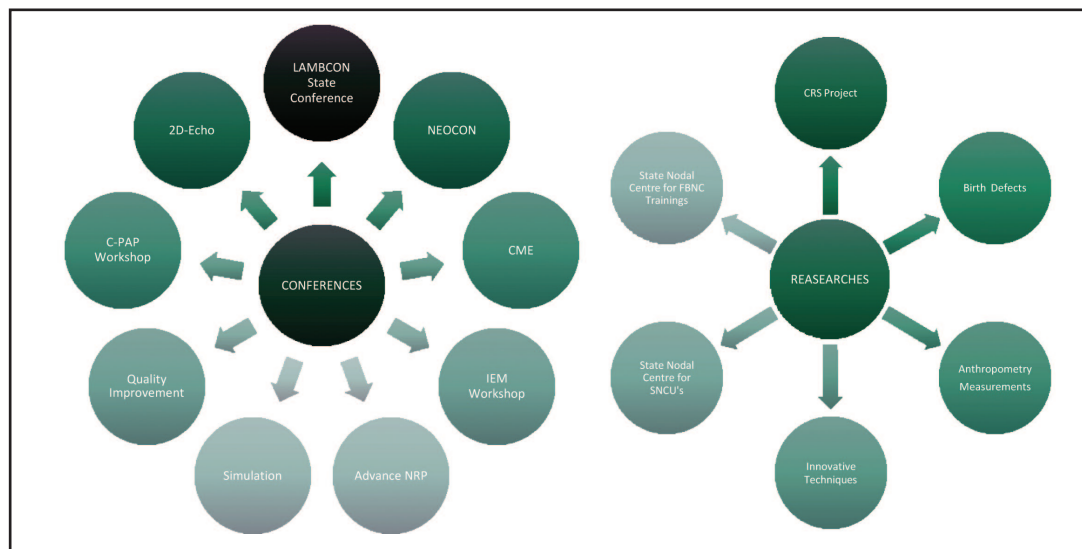


**Dr. Sadiqua Anjun**  
Assistant Prof.

	NICU	SNCU	LEVEL-3
<b>Admissions</b>	<b>12532</b>	<b>3305</b>	<b>4371</b>
<b>Discharges</b>	<b>11200</b>	<b>2945</b>	<b>4206</b>

## AWARDS & HONORS

- Sheshasai Oration at PATS & TCB PEDICON - DR ALIMELU
- TS NEOCON CHAIRPERSON DR.ALIMELU
- TS NNF TREASURER DR.SWAPNA



## AWARDS & HONORS OF POST GRADUATES

Dr Apoorva (DM)	Paper TSNEOCON 2021-2nd Prize
Dr Tejaswini(DM)	Breast Feeding Quiz 2021- Winner
Dr Meghana	Gold Medal -2nd Prize
Dr Sharon	Gold Medal -1st Prize
Dr Greeshma	Gold Medal -1st Prize
Dr Greeshma	Gold Medal -1st Prize (Poster)
Dr Aditya & Dr Preethika	TSNEOCON 2021- Winners
Dr Aditya & Dr Preethika	Breast Feeding Quiz - Winners
Dr Aditya & Dr Preethika	National Neocon 2021- Quiz - 3rd Prize

## PUBLICATIONS

- BMJ Publications - 3
- BMJ Reviewer - Twice -Dr Alimelu
- Several Research Projects Going On
- CRS Project
- Birth Sefects
- Antropometry Measurements (AI Project)
- Sepsis Project
- Innovative Surfactant Techniques - LISA
- State Nodal Center for SNCU's
- State Nodal Center for FBNC Tranings

## COVID SERVICES FOR NEWBORNS

- A quality improvement initiative in reducing nasal trauma during the application of nasal bubble continuous positive airway pressure in a tertiary care neonatal unit.
- Nirmala C, Paramesh P, Kotha R, Konda KC, Singh H. Prospective observational study of clinical profile in tertiary care center, Hyderabad. Indian J Child Health. 2020; 7(7):291-294.
- Thirupathi RK, Rani TR, Pandala P, Rakesh K, Konda KC, Singh H. effect of early nasal continuous positive airway pressure in preterm neonates with mild-to-moderate hyaline membrane disease in a rural area – An analytic prospective observational study. Indian J Child Health 2020; August 1

- Effect of human milk enriched with human milk-based fortifier (HMBF) versus bovine milk based fortifier (BMBF) on growth and morbidity among very low birth weight (VLBW) babies - A randomized, controlled trial. Accepted Jan 2021
- Lingaldinna S, Konda K.C, Bapanpally N, Alimelu M, Singh H, Ramaraju M. Validity of bilirubin measured by Biliscan (A smart phone application) in Neonatal jaundice - An obsevational study. J Nepal Paediatr Soc.
- Madireddi A, Mandala V.K, Bapanpally N, Kotha R, Konda K.C, Bharadwaj H. Neonatal dengue as never before - A case series. Sahel Medical Journal.
- Rakesh K, Konda K.C, Kasula L.R. How to improve the NICU environment. Srilankan Journal of Child Health.
- Konda KC, Himabindusingh, M alimelu, . BMJ Open Quality
- 2021 - Quality Improvement approach to decrease the unindicated usage of antibiotics in a neonatal intensive care unit of a tertiary care teaching hospital in Hyderabad
- Rakesh Kota, Konda KC, Alimelu - Effect of human milk enriched with human milk-based fortifier(HMBF) versus bovine milk-based fortifier (BMBF) on growth & morbidity among very low birth weight (VLBW) infants - A Randomized Controlled trail
- Rakesh Kota, Konda KC, Alimelu - Common Parental and Physician Concerns in Neonates
- Rakesh Kota, Konda KC, Alimelu - Atypical manifestations of MIS-N associated with asymptomatic maternal prenatal SARS COV-2 infection - A Case Series

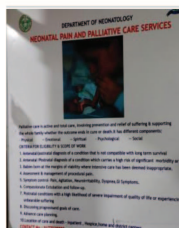
**NEOCON 2013 GOLD MEDAL PAPER PRESENTATIONS**  
Total 8 papers were received for NEOCON 2013 Gold medal. Dr Manoj VC, Dr Adhisivam and Dr Vijayanand J were the judges. Dr Chaitra from Fernandez hospital was the winner of NEOCON 2013 Gold medal. Dr Apoorva, DM from Niloufer hospital was runner up. Dr Aparna C coordinator.



Dr Chaitra, Fernandez hospital – winner of NEOCON 2013 Gold medal



Dr Apoorva, Niloufer hospital- Runner up of NEOCON 2013 Gold medal



## Preterm babies get the best care at Niloufer Hospital

Parents who spend lakhs of rupees in corporate hospitals finally admit them at the government facility and they recover



### Preterm birth complications leading cause of child mortality in India

Preterm babies are born before 37 weeks of pregnancy. They are at a higher risk of complications and mortality. In India, preterm birth complications are the leading cause of child mortality. Niloufer Hospital provides specialized care for these babies, including early feeding and respiratory support.

Dr. Manoj VC, Chairman of the board of Niloufer Hospital, said that the hospital has a long history of providing quality care to patients. He mentioned that the hospital has a state-of-the-art NICU and is equipped with the latest technology. He also mentioned that the hospital has a team of experienced doctors and nurses who provide the best care to patients.

Dr. Chaitra, who is the winner of the NEOCON 2013 Gold medal, said that her research paper was about the use of nasal bubble continuous positive airway pressure in preterm neonates. She mentioned that this technique is safe and effective in reducing nasal trauma and improving oxygenation in these babies.

Dr. Apoorva, who is the runner-up of the NEOCON 2013 Gold medal, said that her research paper was about the use of human milk-based fortifier in preterm babies. She mentioned that this fortifier helps in improving growth and reducing morbidity in these babies.

Dr. Aparna C, who is the coordinator of the NEOCON 2013 Gold medal, said that the hospital has a long history of providing quality care to patients. She mentioned that the hospital has a state-of-the-art NICU and is equipped with the latest technology. She also mentioned that the hospital has a team of experienced doctors and nurses who provide the best care to patients.



# DEPARTMENT OF MEDICAL ONCOLOGY

## FACULTY



**Dr. P. Radhika, MD, DM**  
Associate Professor



**Dr. P. Krishna Chaitanya, MD, DM**  
Associate Professor



**Dr. Vishal, MD, DM**  
(Associate Professor)



**Dr. Ashok Kumar, DNB, DM, PDF (BMT)**  
Transplant Physician



**Dr. Anudeep Padakanti**  
DM Resident

## AWARDS AND HONORS- POST GRADUATES 2021

First prize – Federation of Indian publishers for the book – “An insider’s guide to clinical medicine” for Dr. Anudeep Padakanti.

## CME, WORK- SHOPS, CONFERENCES, REMOTE MONITORING & FIELD VISITS

Department is supervising the Hub and spoke model of oncology centers and taking care of districts of Ranga Reddy, Nalgonda, Suryapet, Mahboobnagar, Kamareddy, Malakpet, Bodhan, Huzoornagar.

## NEW INNOVATIONS

- Incorporation of monoclonal antibodies in the treatment algorithm.
- Introduction of targeted therapy for genetic predisposed cancers.

## COVID SERVICE

Department provided services to cancer patients affected with Covid- 19.

## BONE MARROW TRANSPLANTATION –AN ACHIEVEMENTS

**Situation:** Since the establishment of medical oncology department at Regional Cancer Centre Hyderabad in 2005, most of the blood cancers from both the Telugu states and the neighboring states are being treated at the institute in myriad number. On an average of 300 to 350 leukemias are registered and treated per annum. All of these relapse cases require Allogeneic bone marrow transplantation as the curative therapy. The cases where the response is not optimal with the induction chemotherapy need allogeneic bone marrow transplantation. Each allogeneic bone marrow transplantation costs around 15 to 20 lakh rupees in any center and the same procedure is being done chargeless to all the cases irrespective of their genesis under Arogyasri scheme or the Institute itself is standing up for.

**Response:** Therapy started without a dedicated transplant unit. Faculty rooms were converted to isolation rooms and the procedure carried out in those rooms. The staff were trained in allogeneic bone marrow transplantation at short notice and the training is being continued in the institute with practical exposure and learning. Dedicated staff has been appointed for the procedure and for round the clock follow up of the transplanted candidates.

**Results:** From March 2021 to January 2022 ,a total of sixteen (16) transplants were done. Youngest transplantcase was 5 years of age and the eldest was 62 years. There were 2 mortalities out of these 16 cases. Fourteen cases are under follow up.

**Evidence:** Transplantation procedure at the institute has been assessed periodically regarding the complications of the procedure and success rates.

**Apheresis :** Apheresis Procedure being done at MNJIO & RCC for Bone Marrow Transplantation -  
**Dr Krishna Chaitanya**, MD DM Department of Medical Oncology



# DEPARTMENT OF SURGICAL ONCOLOGY

## FACULTY



**Dr. M. Srinivasulu**  
Professor & HOD



**Dr. Muralidhar**  
Associate Professor



**Dr. Ravi Kumar**  
Associate Professor



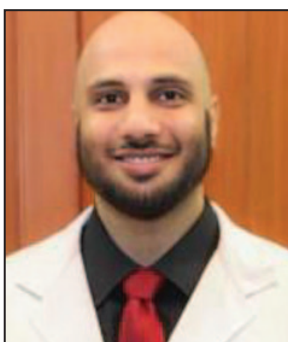
**Dr. M. Ramesh**  
Associate Professor



**Dr. Rajeshwar**  
Associate Professor



**Dr. Chandrashekar Azad**  
Associate Professor



**Dr. Mujtaba**  
Associate Professor



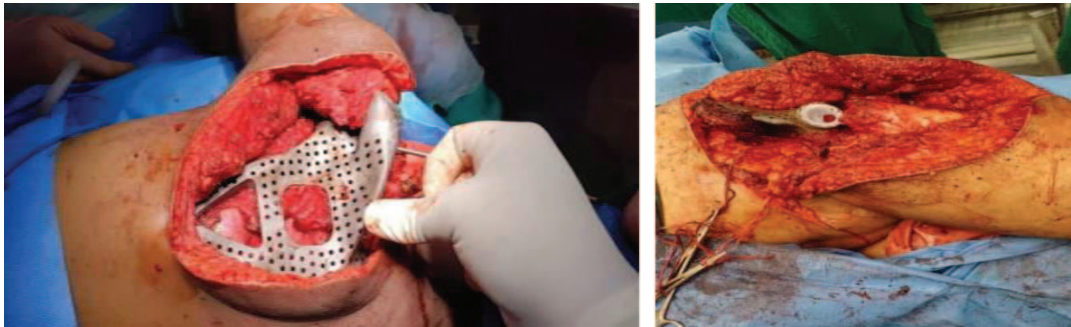
**Dr. Umakanth Goud**  
Associate Professor



**Dr. Sivender**  
Senior Resident

## ACHIEVEMENTS OF DEPARTMENT OF SURGICAL ONCOLOGY

- Recently for the first time we also did cases of orthopedic oncology for **Chondrosarcoma of hip and Ewing's sarcoma of scapula** for which bone reconstruction was done with 3D PRINTED titanium prosthesis (Hip prosthesis and Scapular prosthesis). Hip prosthesis Scapular prosthesis



## GUEST LECTURES

- Dr. M.Srinivasulu (Professor and Hod) at NATCON 2021 On Topic: Early Gastric Cancer
- Dr.Umakanth Goud At TS ASICON 2021 On Topic: **Management Of Thyroid Carcinoma.**
- In The Recent National Conference 2021, Held By Indian Asscoation Of Surgical Oncology Our Post Graduate Students Also Presented The Following: **Paper Presentations:**
- Dr.Rakesh - Predictor Of Ingunial Lymphnode Mestatisis in Carcioma Penis.
- Dr. Rohith - Study Of Response Of Axillary Lymph Nodes Metastasis to Nact In **Ca Breast**

## E- POSTER PRESENTATIONS

- Dr Sameeraja - Spen of Pancreas our Instiutional Experince
- Dr Rakesh - Rare Case Of Virilizing Adrenocortical Adenoma In A 2 - Year-Old Boy
- Dr. Kishan - Role Of Nact In Scc Oral Cavity Followed By Surgery.
- Dr. Sravanthi - Predictive Markers & Prognostic Significance of Level 5 Lymph Node Mets In Ca Oral Cavity
- Dr. Harish - Limb Conversation For Tumours Of The Proximal Humerous By Endoprosthetic Resconstruction
- Dr. Vivian - Sentinal Ln Biospy In Oral Cancer Using Blue Dye
- Dr. Ramya - Impact Of Neo Adjuant Thearphy In Lymph Node Yield After Surgery For Rectal Cancer

# MEDICAL EDUCATION UNIT

## CBME

- CBME (Competency Based Medical education) is an approach to ensure that the graduates develop the competencies required to fulfil the patient's needs in the society
- Now –a-days CBME is gaining momentum across the globe
- CBME curriculum is being implementing from august 2019
- Is designed to identify the desired outcomes, defined the level of performance for each competency & develop A frame work for accessing competencies.
- Is learner centric and focus on competencies as end points.
- A significant attempt has been made in the outcome driven Undergraduate curriculum to provide orientation and the skills necessary for life long learning to enable proper care of patient and to allow students from diverse educational streams and backgrounds to transition appropriately through a foundation course. Dedicated time has been allotted for self-directed learning and co- curricular activities like yoga, meditation... etc
- The curriculum provides for ECE, Electives and longitudinal care.
- The importance of ethical values, responsiveness to the needs of the patient and acquisition of communication skills is underscored by providing dedicated curriculum time in the form a longitudinal program based on attitudes, ethics, communication
- Great emphasis has been placed on collaborative and inter disciplinary team work, professionalism, altruism and respect in professional relationship with due sensitivity to differences in thought, social and economic position and gender.
- The Medical Education Unit of Osmania Medical College has conducted 4 Revised Basic Course Workshops in 2021 as a part of Faculty Development Programme and trained 120 faculty members
- This is a record in itself as NMC seldom accords permission for more than 2 workshops
- However considering the affiliated Hospitals and the need to complete RBCW for faculty promotions we were able to achieve this





# GOLD MEDALS 2020

## O.M.C. OLD STUDENTS ASSOCIATION TRUST

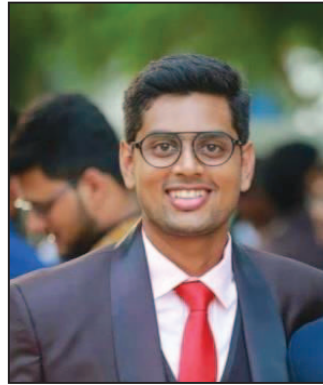
	Subject & Gold Medal Name	Donor Name	Student Name	Marks Scoured & Hall ticket No.
1	PATHOLOGY DR. M.K. SANDOZI PATHALOGY GOLD MEDAL	Dr. Shakeel S.K. Sandozi M.D.,F.A.C.S., F.R.C.S., (E.D) & Irfan Khan Sandozi	Saaket Buddhiraju	1701001203 131/150
2	GEN. MEDICINE DR. MADHUSUDHAN. T. GUPTA GEN. MEDICINE GOLD MEDAL	Madhusudhan T. Gupta	Perugu Achyuta	15007174 229/300
3	GEN. SURGERY DR. A.K. CHARY GEN. SURGERY GOLD MEDAL	Dr. Shobhan Babu	Sareddy Soumya Reddy	15007202 226/300
4	PHARMACOLOGY DR. P. PENTIAH PHARMACOLOGY GOLD MEDAL	Dr. P. Pentiah	Darivemula Pavan Kumar	1701001050 127/150
5	PEDIATRICS DR. CHAMKUR KISHTIAH PEDIATRICS GOLD MEDAL	Dr. Govind Rao.	Perugu Achyuta	15007174 78/100
6	S.P.M DR. POLISETTI HRISHIKESH S.P.M GOLD MEDAL	Mrs. Janaki Devi	K.N.V. Sai Santosh	1601001095 160/200
7	OBSTETRICS & GYNECOLOGY (M.B.B.S) DR. (MRS.) RANGA NAYAKI KRISHNA SWAMY OBSTETRICS & GYNECOLOGY GOLD MEDAL	Dr.(Mrs) Ranganayaki Krishna Swamy	K.P. Anuhya	15007080 165/200
8	OBSTETRICS & GYNECOLOGY (M.S) DR. VASUNDHARA KAMINENI OBSTETRICS & GYNECOLOGY GOLD MEDAL FOR P.G.S	Dr. Vasundhara Kamineni	Dr. Kanathala Avani Reddy	17114001005 456/700
9	OPHTHALMOLOGY DR. SHYAM SUNDER PRASDAD OPHTHOLMOLOGY GOLD MEDAL	Dr. Vamsunder Pershad	Sidda Nanditha	1601001211 82/200
10	FINAL IN M.B.B.S DR. P. N. SREELATHA FINAL M.B.B.S TOPPER GOLD MEDAL	Sri. P. Shravan Kumar Reddy & Smt. P. Sreekala Reddy	Perugu Achyuta	15007174 682/900
11	ANATOMY OSMECO 1976 ANATOMY GOLD MEDAL	OSMECO 1976 Batch Dr. Mohan Gupta	PRK Tanmayi	1901001172 245/300
12	E.N.T PROF (DR.) M. VENKATESHWAR RAO E.N.T. GOLD MEDAL	Prof (Dr.) M. Venkateshwar Rao	Jataprolu Pranavi	1601001089 89/100
13	GEN. SURGERY (M.S) DR. P.V . CHALAPATHI RAO GEN. SURGERY GOLD MEDAL FOR P.G. STUDENTS	Dr. Raghu Ram	Dr. Saahiti Andhavaram	17110001030 470/700
14	MICROBIOLOGY (UG-MBBS) DR. NANDAN SINGH MICROBIOLOGY GOLD MEDAL	Dr. Nandan Singh	Kalidindi Sharanya	1701001096 127/150

	Subject & Gold Medal Name	Donor Name	Student Name	Marks Scored & Hall ticket No.
15	MICROBIOLOGY ( M.D) DR. P. SHASHIKALA MICROBIOLOGY GOLD MEDAL FOR P.G. STUDENTS	Dr. P. Shashikala	Dr. Dara Saranya	17119001004 481/700
16	RADIATION ONCOLOGY DR. P. VIJAY ANAND REDDY RADIATION ONCOLOGY GOLD MEDAL	Dr. P. Vijay Anand Reddy	Dr. Ramidi Goutham Reddy	17107001008 487/700
17	BIO – CHEMISTRY PROF. SADASHIVUDU BIO – CHEMISTRY GOLD MEDAL	Dr. Sada Shivudu Prof. Bio	Arrem Lakshmi Pratima	1901001172 240/300
18	PATHOLOGY DR. MAMIDI BUDDHI S AGAR REDDY PATHOLOGY GOLD MEDAL FOR P.G. STUDENTS	Dr. M. Buddhi Sagar Reddy	Dr. Afreen	17118001001 496/700
19	M.D. ANAESTHESIOLOGY AXON ANAESTHESIA ASSOCIATES PVT LTD M.D AN AESTHESIOLOGY GOLD MEDAL	Axon Anaesthesia Associates Pvt Ltd Dr. Murthy V.V.S. Nekkanti	Dr. Nallabelli Bhavana	17102001010 477/700
20	E.N.T ( M.S) SMT. LAXMIDEVI HARISHCHANDRAJI M.S. E.N.T GOLD MEDAL	Dr. Mahesh Gupta	Dr. P.A. Rahul Kumar	17113001007 505/700
21	A.P.C.P.PEDICON 2016 PEDIATRICS GOLD MEDAL FOR P.G. STUDENTS	A.P.C.P.PEDICON 2016	Dr. A. Narendra	17101001001 470/700
22	DR. SABITHA MLN REDDY PHYSIOLOGY GOLD MEDAL	Dr. Rajashekhar Reddy	Fatima Nayeem	1901001066 242/300
23	Dr. R.M. SABOO GEN. MEDICINE GOLD MEDAL FOR P.G. STUDENTS	Dr. R.M. Saboo	Dr. V. Saikiran	17100001016 489/700
24	SURAKANTI KRISHNA REDDY MEMORIAL D.M. CARDIOLOGY GOLD MEDAL	Dr. Venkat Reddy Surakanti	Dr. Karella Naga Chaitanya	17600001004 477/700
25	OSMECOS '80 OVERALL EXCELLENCE IN M.B.B.S GOLD MEDAL	OSMECO 1980	Perugu Achyuta	15007174 1953/2450
26	SRI. KOLLIPARA SATHYANARAYANA & SMT. CHANDRAKALA ORTHOPEDICS GOLD MEDAL	Dr. Praveen Kollipara	Dr. Mohammed Samiullah	17111001014 421/700
27	Dr. Kumudini Mohan Ram M.D Physiology Gold Medal	Dr. Kumudini Mohan Ram	Dr. Gopireddy Aniruddha	17116001001 520/700

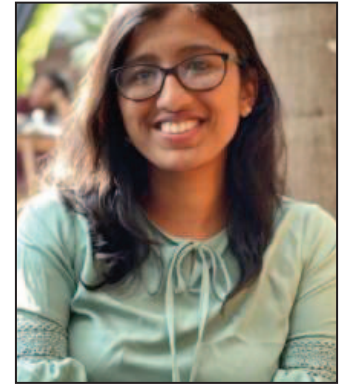
# PRIDE OF OMC



**Dr. P. Srija**  
Air 20, UPSC CSE 2020



**Dr. Yellamraju Sai Kaustubh**  
Air 14. AIIMS  
New Delhi (M.S. Gen. Surgery)



**Dr. G. Shravani Reddy**  
Air 60  
PGIMER Chandigarh (Paediatrics)



**P. Anuhya.**  
Air 45  
AIIMS Delhi (Obs.Gyn.)



**Dr. Arthi**  
Air 100  
Vardhaman Mahavir (Radio.)



**G. Maithili Charan**  
Air 627  
AIIMS Delhi(Emergency Med.)



**B L Manish Kumar**  
Air 2048  
JIPMER(Emergency Med.)



**K. Vaishnavi**  
ICMR Ref no. 2019-06246



11<sup>th</sup> EDITION

# OSMECON

Pioneering Pathways for Medical Research 2021

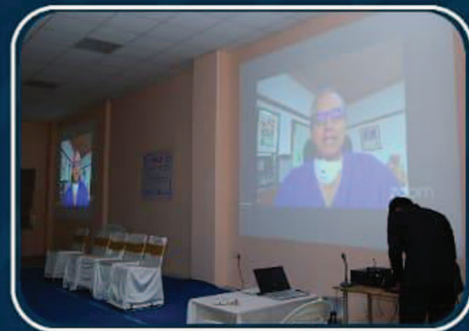


**OSMECON 2021, a 3-day Hybrid event held from 29th – 31st of October was successful afar all measures and reached beyond the expectations with 1800+ delegates from different states across India and internationally from 2 countries. This edition of OSMECON has reached all four directions, right from Gujarat to Manipur and from Jammu Kashmir to Tamil Nadu. A total of 12 workshops, 4 Active events and 8 Passive events were hosted this edition.**



**This year Active events took an exciting turn, through which delegates got a taste of rare cases like Herlyn Werner syndrome and Moyamoya, a chronic and progressive brain condition. There was very enthusiastic participation in both paper and poster presentations which focused on current challenges in medical community. The newest addition and “jewel in the crown”, Colloquium, was all about finding innovative but feasible solutions on topics like Curbing misinformation, violence against doctors, health care challenges faced by LGBTQ community and drug abuse.**

**Passive events kick-started with about 1300+ delegates participating in Med Quiz, Dare 2 Diagnose, Debate, Art Attack, Shutter Medics, Invictus and Graphilia. Like every year, “Hashmi brothers”, being the quiz masters, presented the delegates with mind maiming questions for Med Quiz, which along with gracious presence of Deepu Sebin sir was a huge success.**

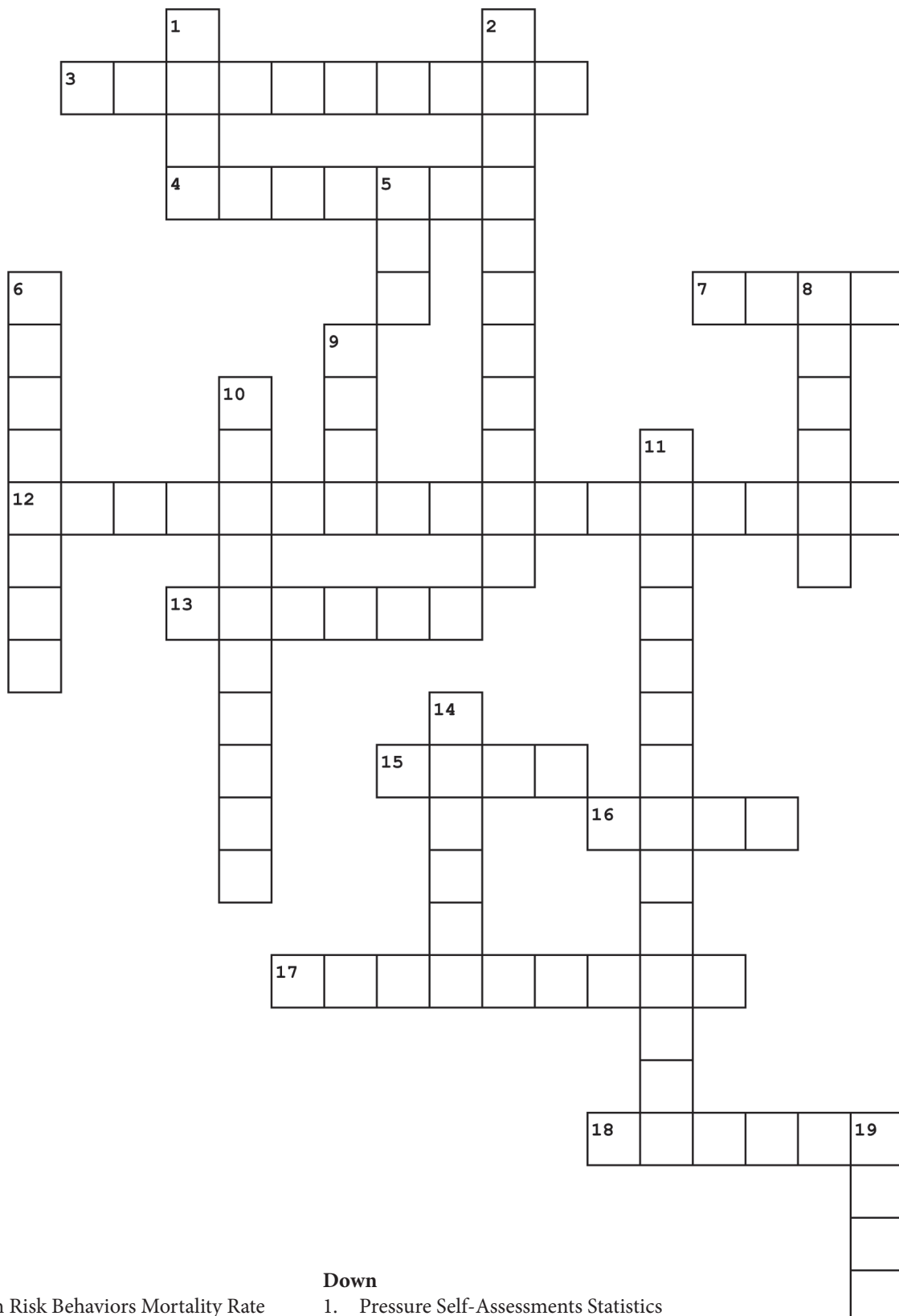


**OSMECON 2021 was honored with presence of dignitaries like Dr. Devi Prasad Shetty, Cardiacsurgeon, Founder and Chairman of Narayana Health who inaugurated the ceremony and talked about revolutionizing health care and how modern technology would be the key to a “stress free” health care setting, the next day Dr. Gandhi PC Kaza, Founder of Truth Labs shared his wide experiences in forensic medicine and with help of Dr. Swarnalatha, a successful organ donation awareness session was also conducted.**

## **FORTH COMING EVENTS**

- March 9th to 11th 2022: CME on “Hands on workshop on PCR” will be conducted by Microbiology department
- March 2022: CME on “Pharmacovigilance and sensitization program” will be conducted by pharmacology department
- March 2022: Alumni gold medal presentation
- March/April: CME on “Issues related to medico-legal work” will be conducted by Forensic department
- 7th April 2022: World Health day
- April 2022: Caps -Basketball event: Inter college basketball tournament
- June 2022: CME on “MDRTB- Recent advances” will be conducted by PSM department
- June 2022: UG convocation of 2k16 batch

# Health & Social Care Skills

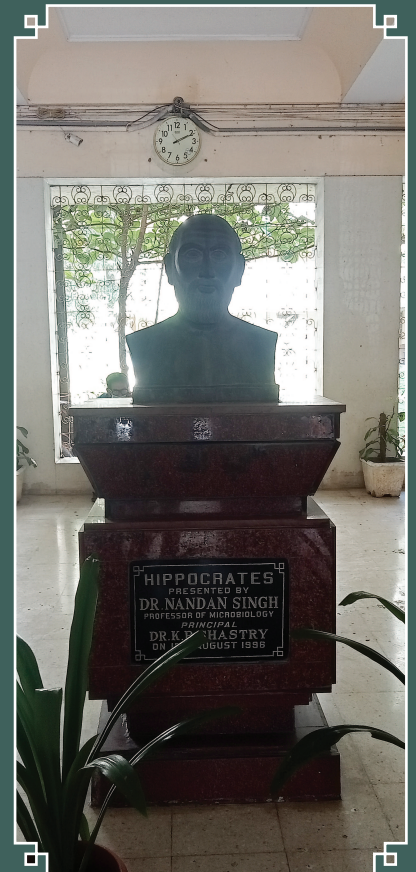


**Across**

- 3. Six Health Risk Behaviors Mortality Rate
- 4. Skill Life Expectancy
- 7. 2 Diabetes
- 12. Leading Cause of Death Advocate
- 13. Health Quality of Life Resource
- 15. Factor
- 16. Heredity Norms
- 17. Health D.E.C.I.D.E. Process Community
- 18. Literacy Infectious Disease Action

**Down**

- 1. Pressure Self-Assessments Statistics
- 2. Cancer World Health Organization
- 5. Components of Health
- 6. Health Self-Assessments Genetics
- 8. Service Announcement Spiritual Health
- 9. Skill Optimal Health Health Practices
- 10. Decision Making Model Environmental Health Global Health
- 11. Risk Factor
- 14. Pressure Center for Disease Control Susceptibility
- 19. Cholesterol Heart Disease Demographics





# OSMANIA MEDICAL COLLEGE

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